

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072162.D
 Acq On : 14 Mar 2022 12:16
 Operator : VA/SY
 Sample : VD0314SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 01:22:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	367505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	582486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	544127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284997	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211928	51.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.480%	
35) Dibromofluoromethane	7.908	113	213141	51.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.000%	
50) Toluene-d8	10.332	98	789952	52.705	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.626	95	294410	50.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	69539	20.458	ug/l	100
3) Chloromethane	2.209	50	55681	18.434	ug/l	96
4) Vinyl Chloride	2.350	62	55168	18.921	ug/l	98
5) Bromomethane	2.762	94	37882	19.953	ug/l	88
6) Chloroethane	2.915	64	36374	18.869	ug/l	96
7) Trichlorofluoromethane	3.273	101	127549	19.371	ug/l	98
8) Diethyl Ether	3.703	74	32525	17.885	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	83132	19.801	ug/l	97
10) Methyl Iodide	4.297	142	57681	16.879	ug/l	98
11) Tert butyl alcohol	5.220	59	22771	95.890	ug/l	99
12) 1,1-Dichloroethene	4.067	96	61277	18.142	ug/l	93
13) Acrolein	3.920	56	21398	100.982	ug/l	99
14) Allyl chloride	4.714	41	106176	17.979	ug/l	94
15) Acrylonitrile	5.420	53	88038	95.945	ug/l	99
16) Acetone	4.162	43	83402	93.790	ug/l	97
17) Carbon Disulfide	4.409	76	104769	14.401	ug/l	95
18) Methyl Acetate	4.720	43	47702	21.890	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	177789	19.366	ug/l	94
20) Methylene Chloride	4.967	84	94311	17.215	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	67636	18.105	ug/l	94
22) Diisopropyl ether	6.361	45	266315	19.771	ug/l #	92
23) Vinyl Acetate	6.303	43	637720	92.768	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	153843	19.366	ug/l	99
25) 2-Butanone	7.208	43	112358	94.765	ug/l	94
26) 2,2-Dichloropropane	7.203	77	145136	20.249	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	91670	19.220	ug/l	94
28) Bromochloromethane	7.544	49	62183	19.444	ug/l	85
29) Tetrahydrofuran	7.561	42	63140	90.566	ug/l	93
30) Chloroform	7.708	83	172243	20.353	ug/l	98
31) Cyclohexane	7.985	56	110372	17.249	ug/l #	86
32) 1,1,1-Trichloroethane	7.903	97	146919	19.546	ug/l	98
36) 1,1-Dichloropropene	8.108	75	106808	18.574	ug/l	96
37) Ethyl Acetate	7.291	43	48725	19.344	ug/l #	97
38) Carbon Tetrachloride	8.091	117	132210	20.226	ug/l	98
39) Methylcyclohexane	9.350	83	112022	17.312	ug/l	98
40) Benzene	8.350	78	313947	19.137	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28234	19.231	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	99343	19.962	ug/l	99
43) Isopropyl Acetate	8.450	43	93129	19.048	ug/l #	93
44) Trichloroethene	9.108	130	88802	19.282	ug/l	93
45) 1,2-Dichloropropane	9.379	63	91329	20.299	ug/l	95
46) Dibromomethane	9.473	93	43825	19.802	ug/l	93
47) Bromodichloromethane	9.655	83	132844	20.590	ug/l	94
48) Methyl methacrylate	9.450	41	41383	17.727	ug/l #	83
49) 1,4-Dioxane	9.455	88	10443	393.490	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	246880	96.143	ug/l	94
52) Toluene	10.397	92	210570	19.506	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	116248	19.721	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	134394	19.722	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	69702	20.675	ug/l	94
56) Ethyl methacrylate	10.655	69	74880	18.962	ug/l	89
57) 1,3-Dichloropropane	10.938	76	112615	19.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	172351	97.070	ug/l	96
59) 2-Hexanone	10.979	43	172273	97.135	ug/l	97
60) Dibromochloromethane	11.132	129	88569	20.245	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61235	20.100	ug/l	99
64) Tetrachloroethene	10.873	164	74209	19.356	ug/l	97
65) Chlorobenzene	11.661	112	241449	20.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	98322	20.611	ug/l	98
67) Ethyl Benzene	11.738	91	420870	19.534	ug/l	98
68) m/p-Xylenes	11.844	106	323528	39.546	ug/l	99
69) o-Xylene	12.173	106	152603	19.501	ug/l	98
70) Styrene	12.185	104	274365	20.078	ug/l	99
71) Bromoform	12.355	173	51823	20.338	ug/l #	99
73) Isopropylbenzene	12.473	105	439569	19.463	ug/l	98
74) N-amyl acetate	12.279	43	92052	18.966	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	80688	19.976	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	100026	31.817	ug/l #	100
77) Bromobenzene	12.749	156	102072	20.080	ug/l	91
78) n-propylbenzene	12.808	91	548135	19.981	ug/l	98
79) 2-Chlorotoluene	12.896	91	315414	19.884	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	396852	20.454	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	23374	18.447	ug/l	95
82) 4-Chlorotoluene	12.996	91	331656	20.193	ug/l	100
83) tert-Butylbenzene	13.214	119	336182	19.763	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	390289	20.415	ug/l	99
85) sec-Butylbenzene	13.390	105	513006	20.082	ug/l	100
86) p-Isopropyltoluene	13.502	119	428349	20.378	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	215147	20.195	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	212951	20.158	ug/l	99
89) n-Butylbenzene	13.832	91	411019	20.514	ug/l	99
90) Hexachloroethane	14.096	117	83431	20.251	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	190968	20.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12670	19.655	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	120207	19.548	ug/l	97
94) Hexachlorobutadiene	15.249	225	75259	21.039	ug/l	96
95) Naphthalene	15.384	128	200736	18.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	107258	20.150	ug/l	99

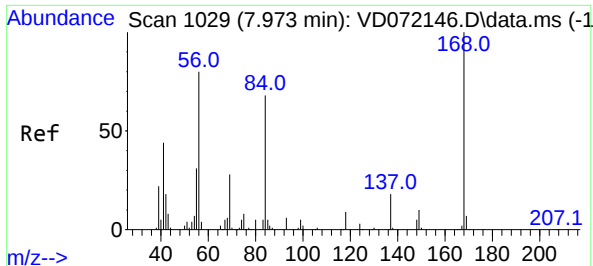
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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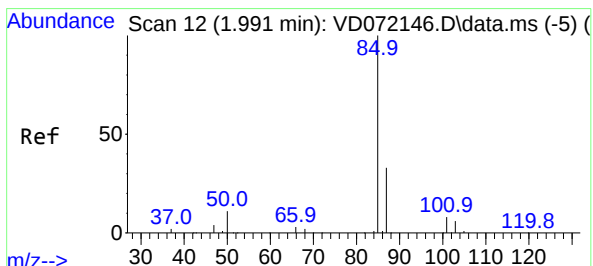
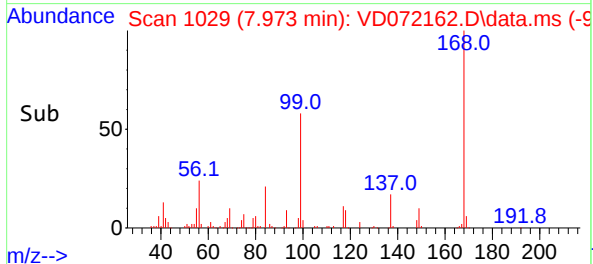
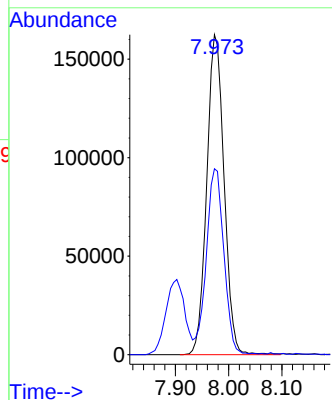
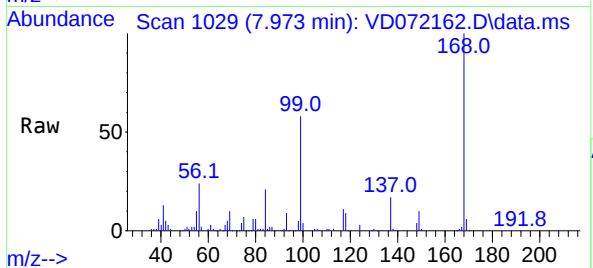
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

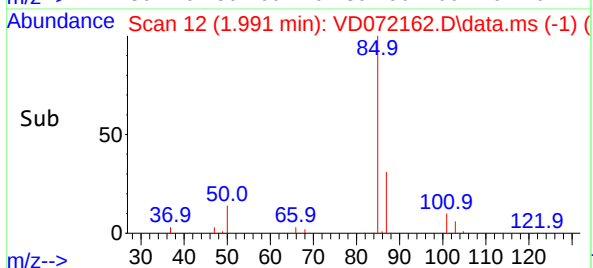
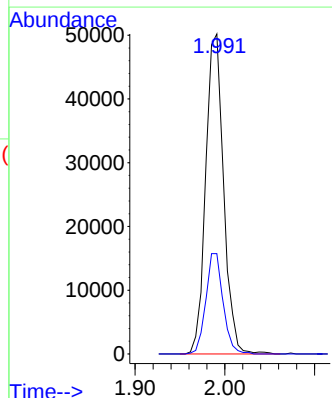
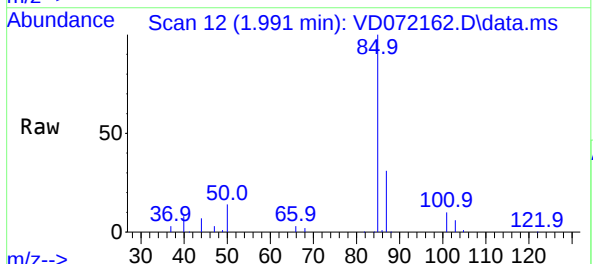
Instrument :
MSVOA_D
ClientSampleId :
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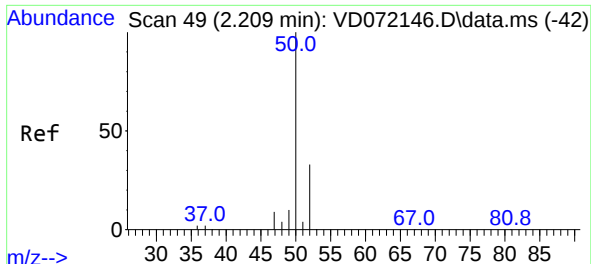
Tgt Ion:168 Resp: 367505
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 20.458 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 85 Resp: 69539
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

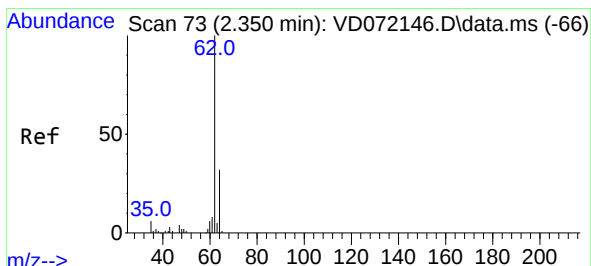
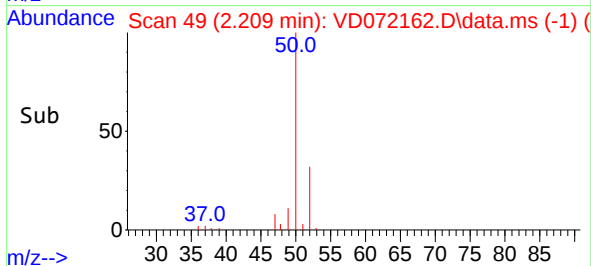
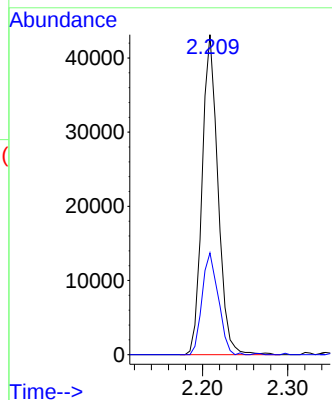
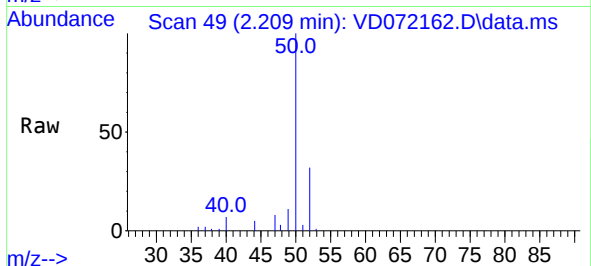




#3
Chloromethane
Concen: 18.434 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

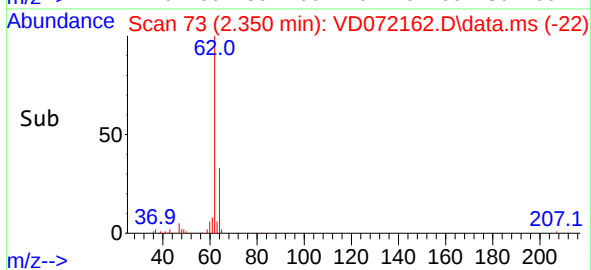
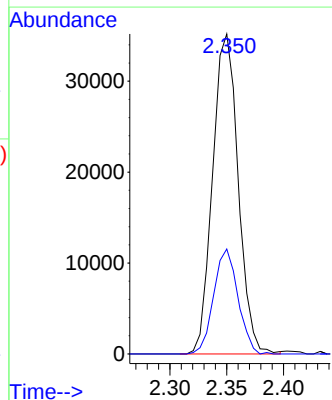
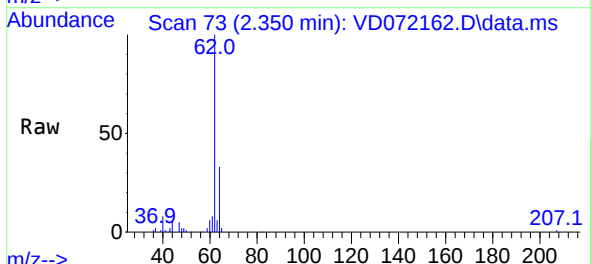
Instrument :
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ClientSampleId :
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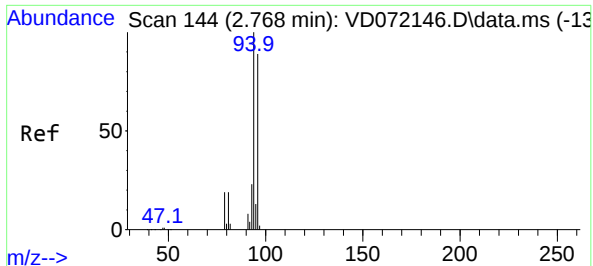
Tgt Ion: 50 Resp: 55681
Ion Ratio Lower Upper
50 100
52 31.8 27.4 41.0



#4
Vinyl Chloride
Concen: 18.921 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 62 Resp: 55168
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

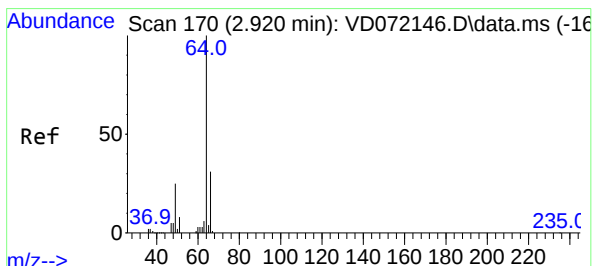
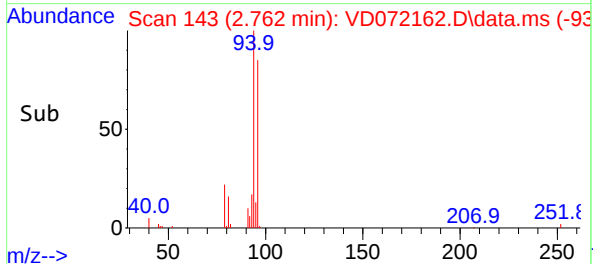
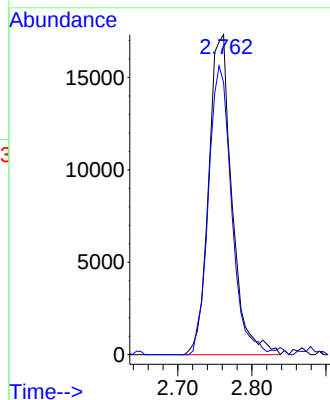
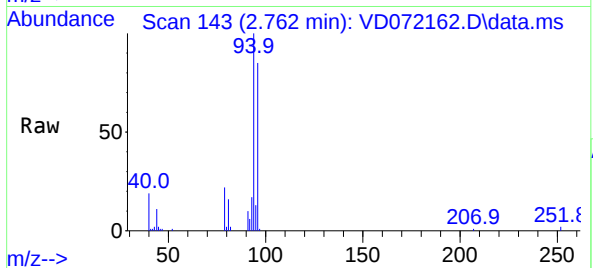




#5
Bromomethane
Concen: 19.953 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

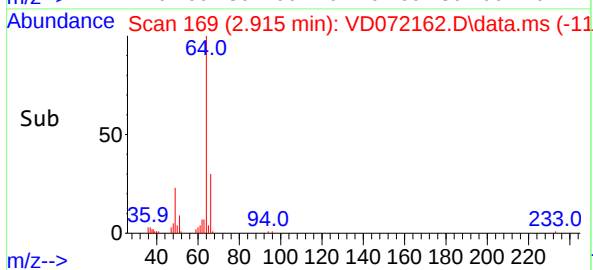
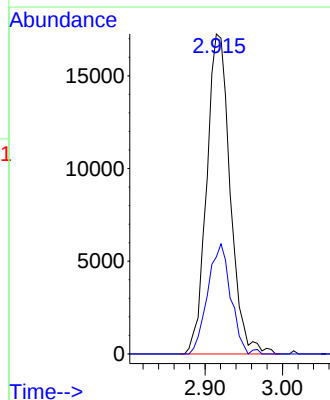
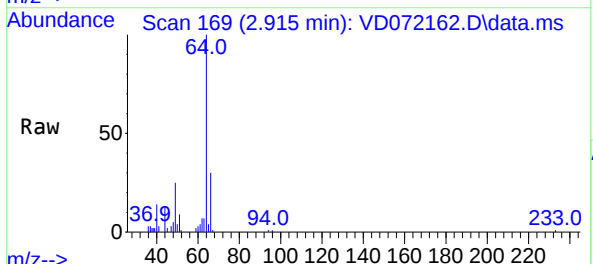
Instrument :
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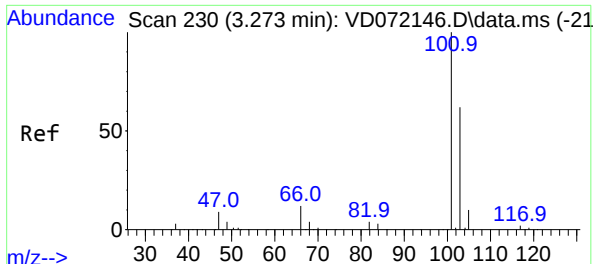
Tgt Ion: 94 Resp: 37882
Ion Ratio Lower Upper
94 100
96 85.1 77.6 116.4



#6
Chloroethane
Concen: 18.869 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 64 Resp: 36374
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9

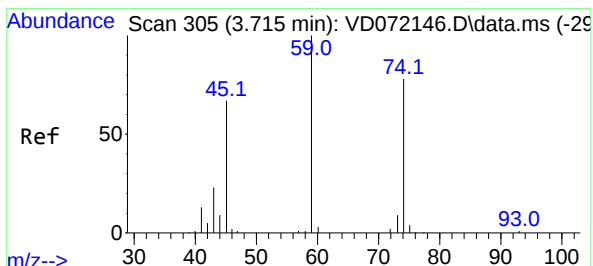
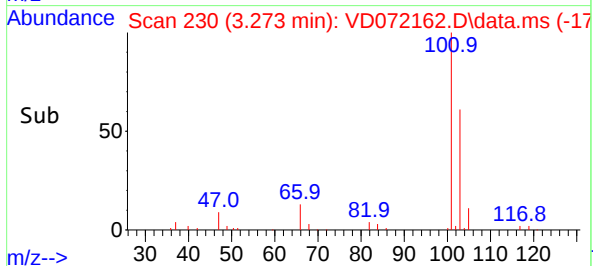
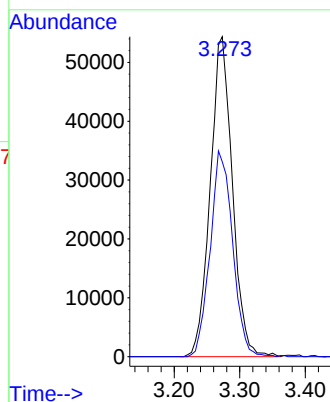
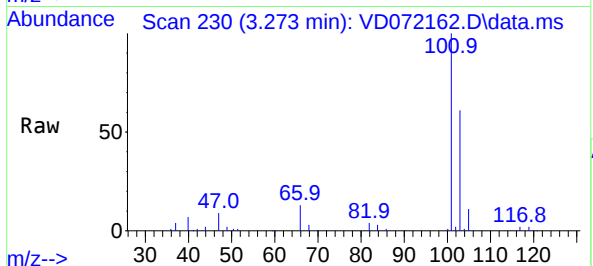




#7
Trichlorofluoromethane
Concen: 19.371 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

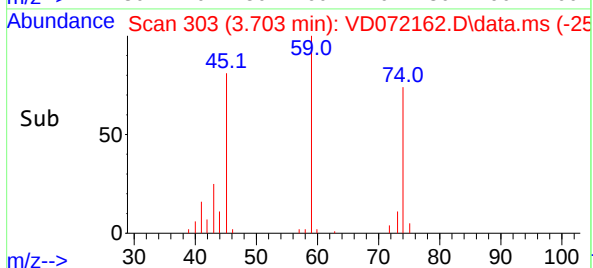
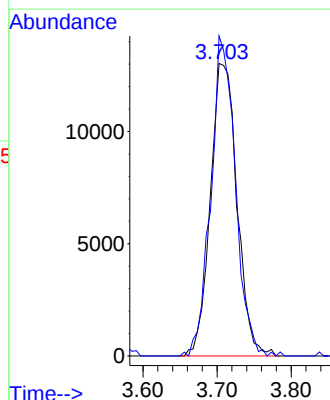
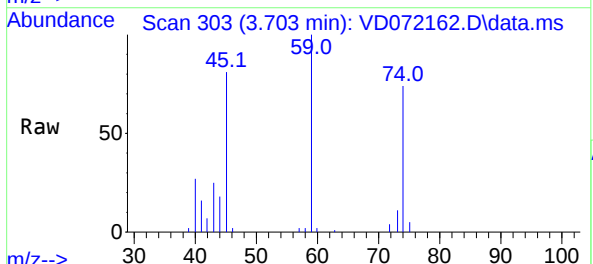
Instrument :
MSVOA_D
ClientSampleId :
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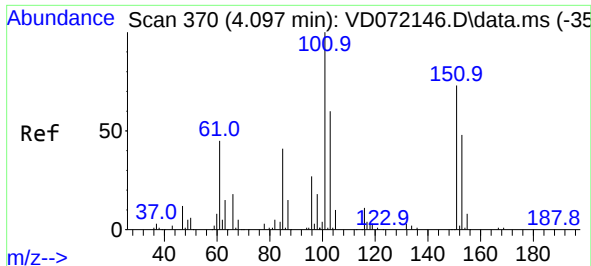
Tgt Ion:101 Resp: 127549
Ion Ratio Lower Upper
101 100
103 60.9 50.1 75.1



#8
Diethyl Ether
Concen: 17.885 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.012 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 74 Resp: 32525
Ion Ratio Lower Upper
74 100
45 100.9 52.6 157.8

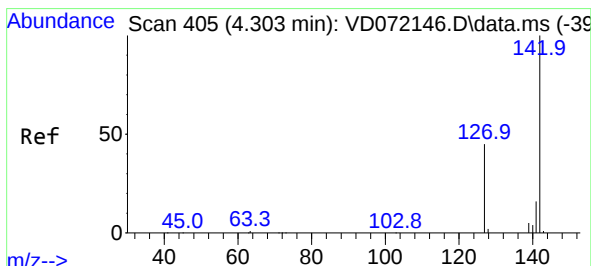
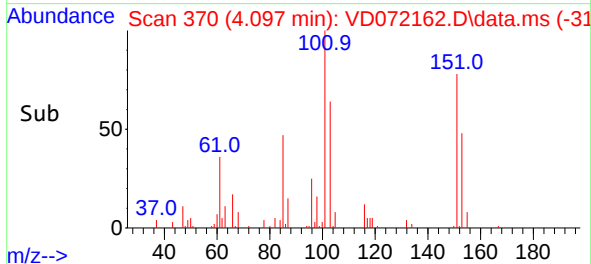
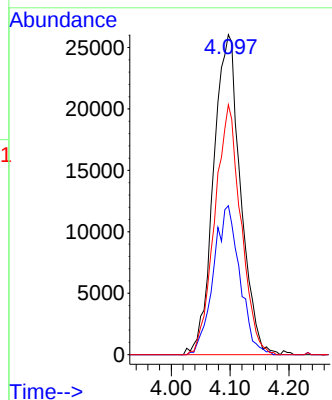
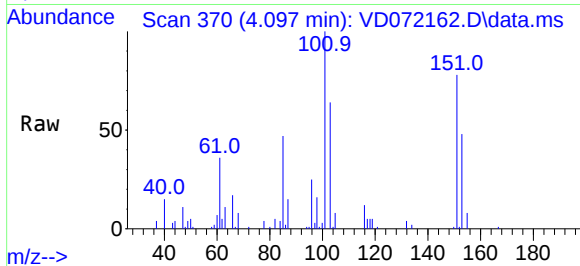




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.801 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

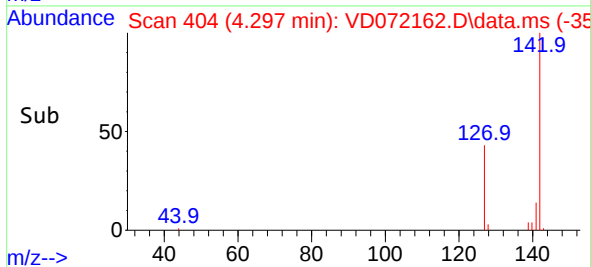
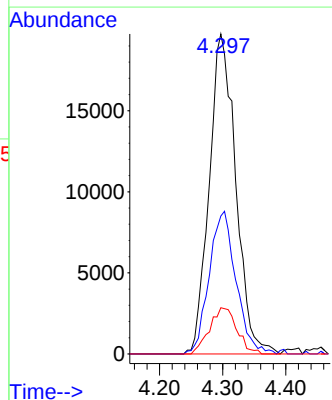
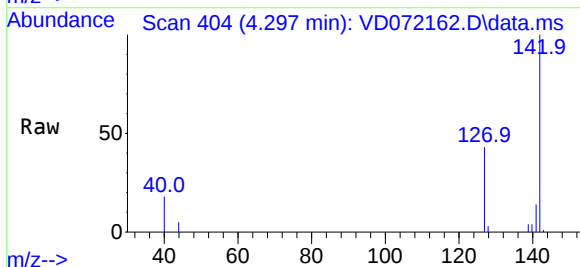
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Tgt Ion:101 Resp: 83132
Ion Ratio Lower Upper
101 100
85 45.4 36.4 54.6
151 75.8 57.3 85.9



#10
Methyl Iodide
Concen: 16.879 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:142 Resp: 57681
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 95.890 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.012 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

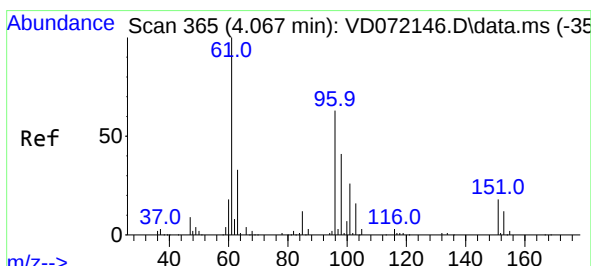
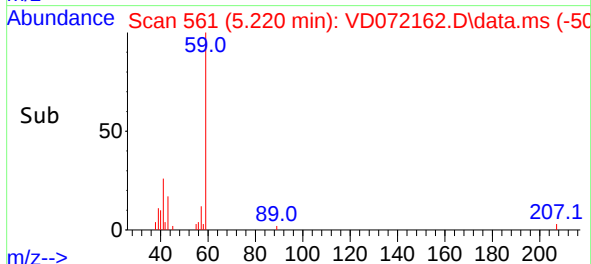
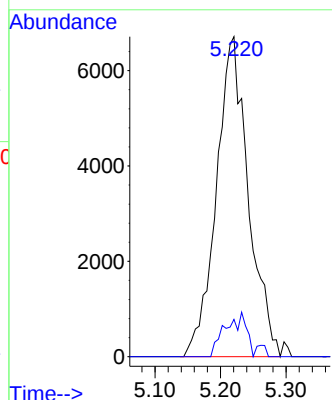
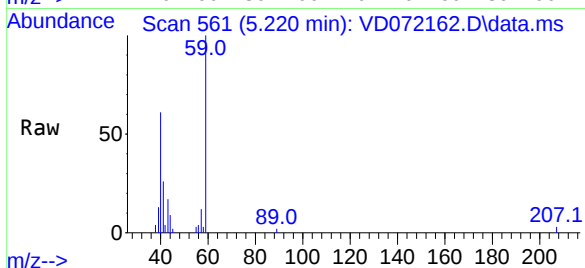
VD0314SBS01

Tgt Ion: 59 Resp: 22771

Ion Ratio Lower Upper

59 100

57 9.2 7.8 11.6



#12

1,1-Dichloroethene

Concen: 18.142 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

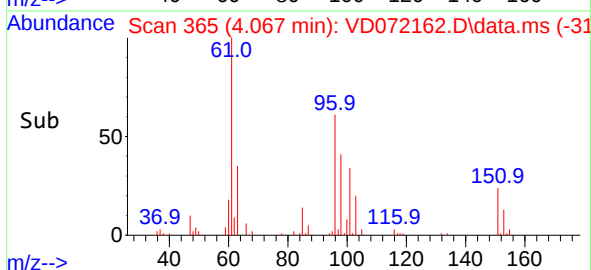
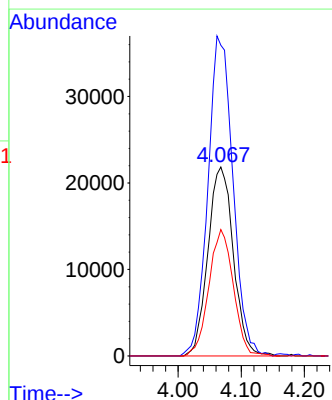
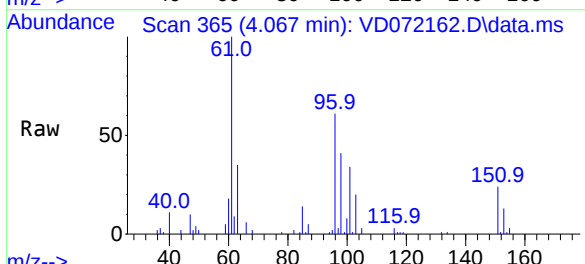
Tgt Ion: 96 Resp: 61277

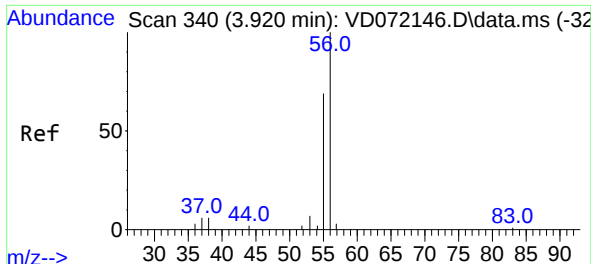
Ion Ratio Lower Upper

96 100

61 164.4 138.5 207.7

98 66.9 48.6 73.0

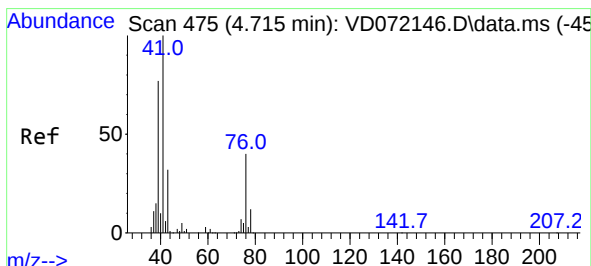
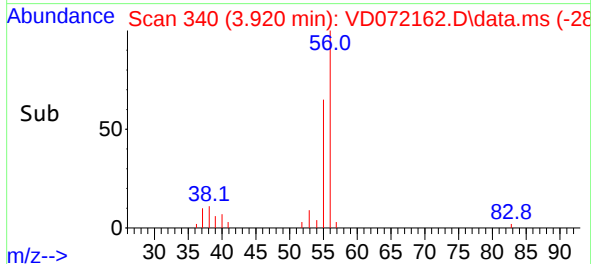
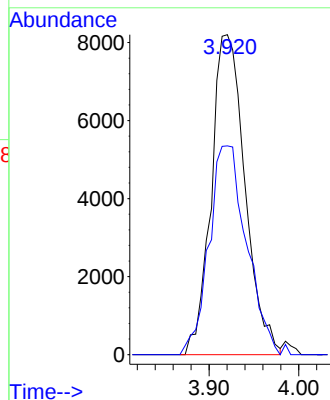
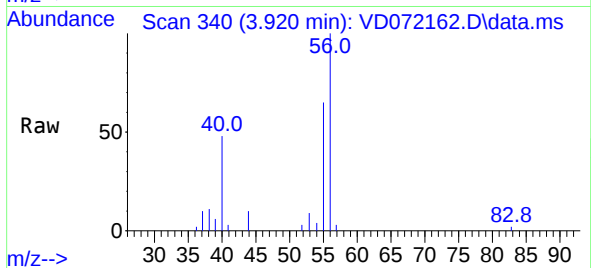




#13
Acrolein
Concen: 100.982 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

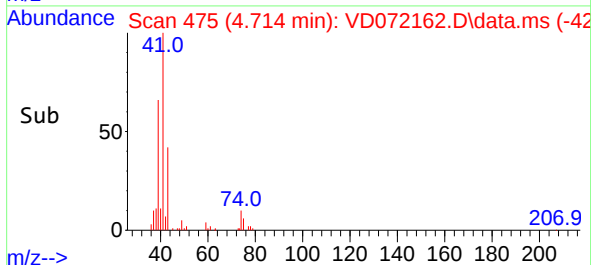
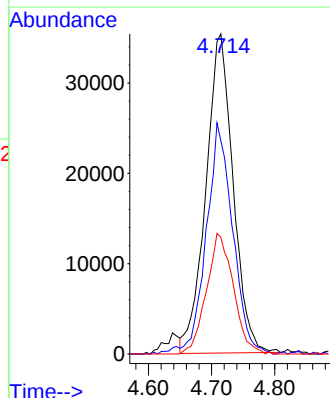
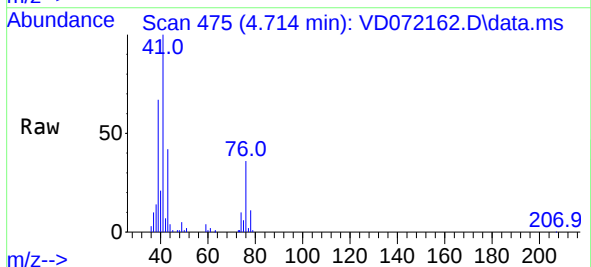
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Tgt Ion: 56 Resp: 21398
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7



#14
Allyl chloride
Concen: 17.979 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 41 Resp: 106176
Ion Ratio Lower Upper
41 100
39 70.3 59.3 88.9
76 37.2 25.7 38.5

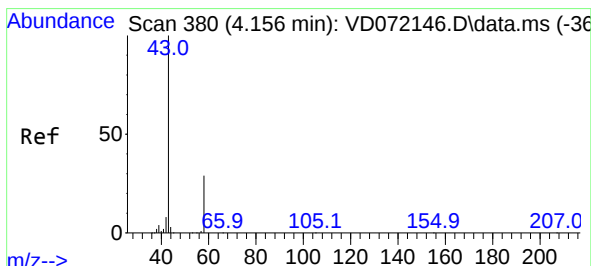
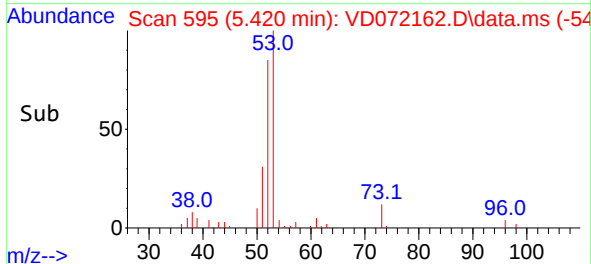
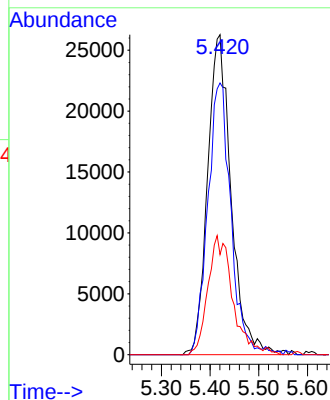
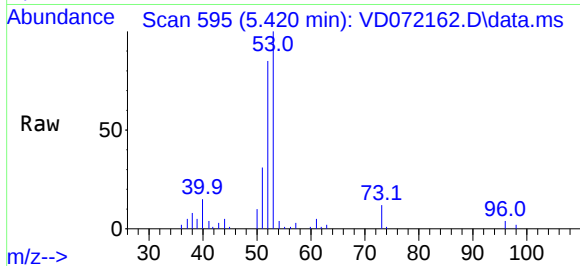




#15
Acrylonitrile
Concen: 95.945 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

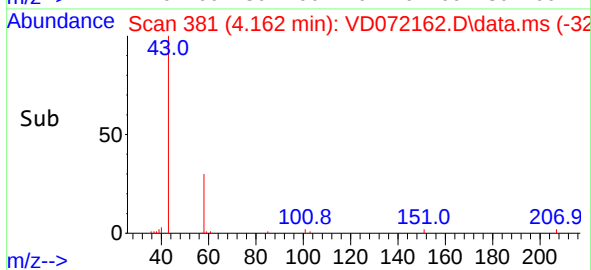
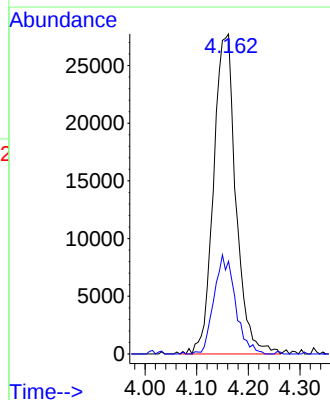
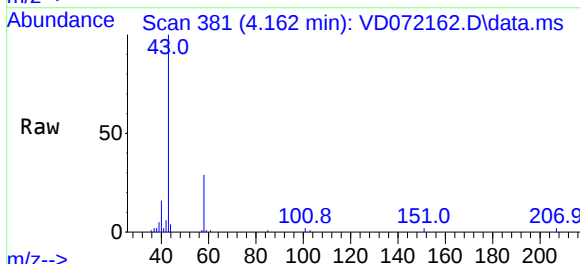
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

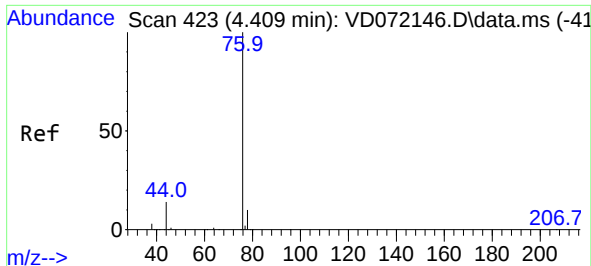
Tgt Ion:	53	Resp:	88038
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.2	100.8
51	38.7	30.3	45.5



#16
Acetone
Concen: 93.790 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:	43	Resp:	83402
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.1	33.1

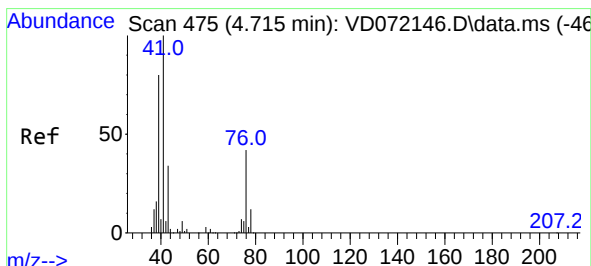
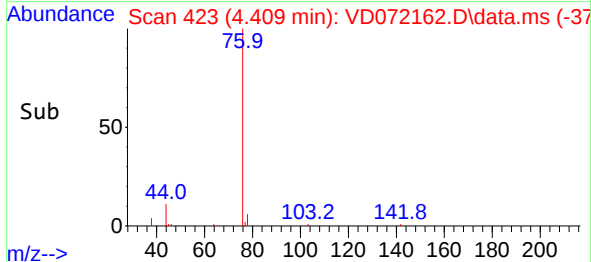
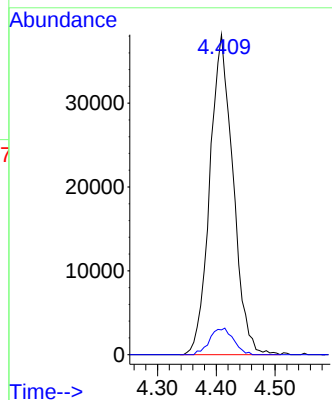
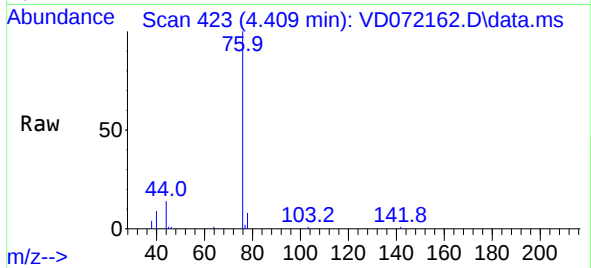




#17
Carbon Disulfide
Concen: 14.401 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

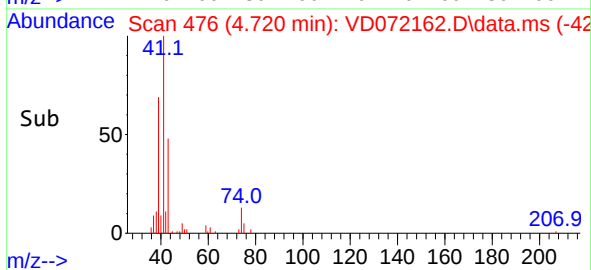
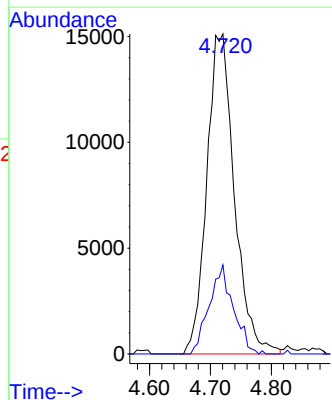
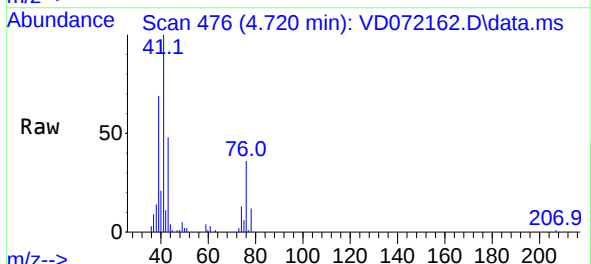
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

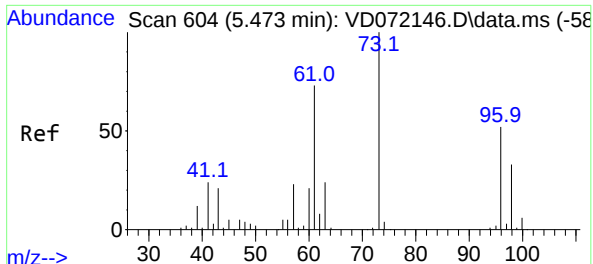
Tgt Ion: 76 Resp: 104769
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#18
Methyl Acetate
Concen: 21.890 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 43 Resp: 47702
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1

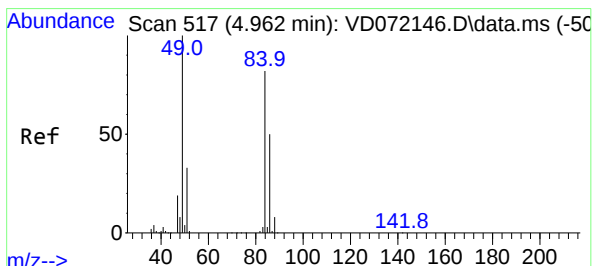
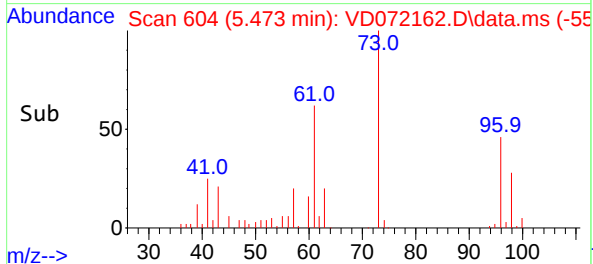
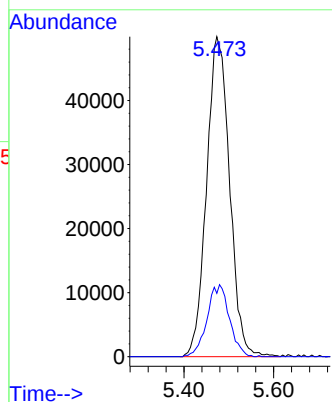
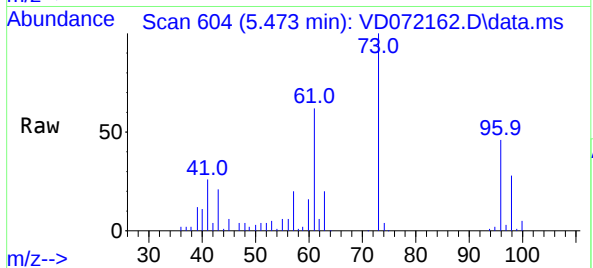




#19
Methyl tert-butyl Ether
Concen: 19.366 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

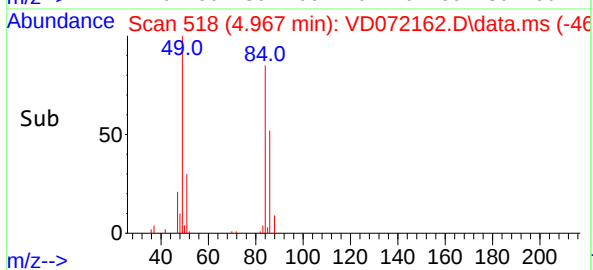
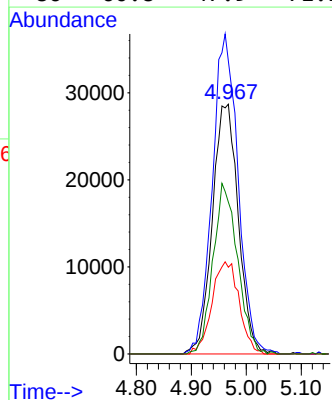
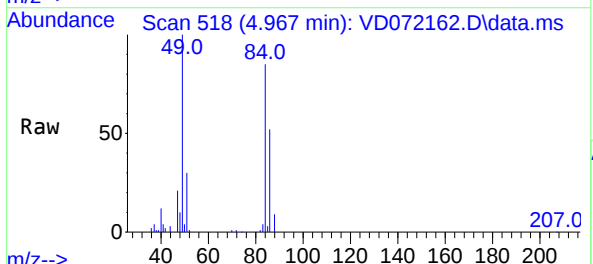
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

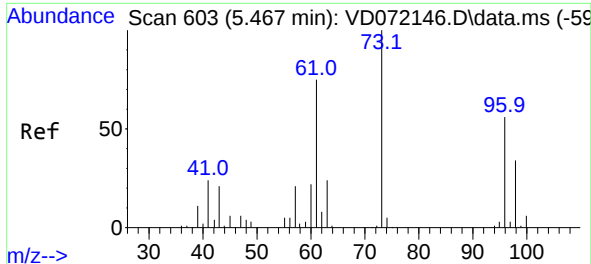
Tgt Ion: 73 Resp: 177789
Ion Ratio Lower Upper
73 100
57 19.8 18.0 27.0



#20
Methylene Chloride
Concen: 17.215 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 84 Resp: 94311
Ion Ratio Lower Upper
84 100
49 117.3 112.8 169.2
51 34.7 32.6 48.8
86 60.8 47.9 71.9

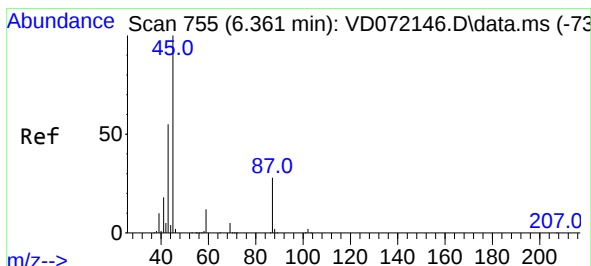
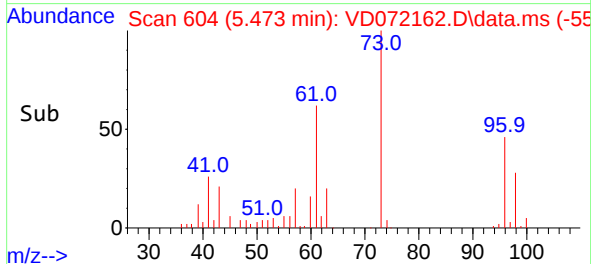
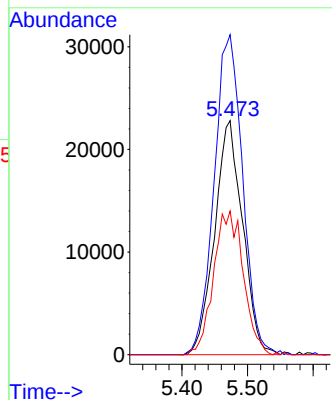
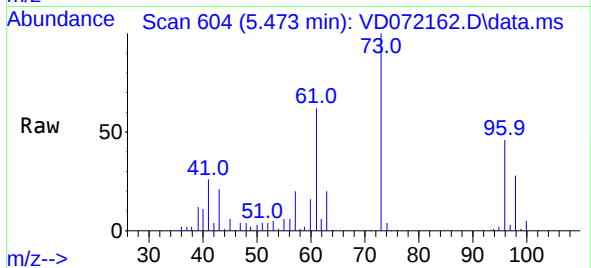




#21
trans-1,2-Dichloroethene
Concen: 18.105 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

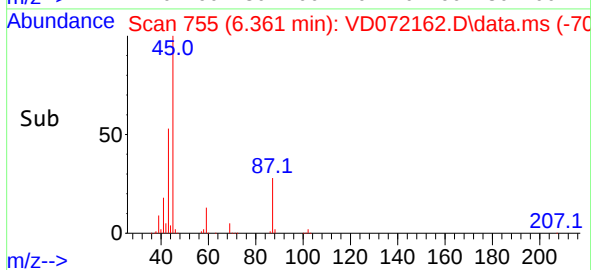
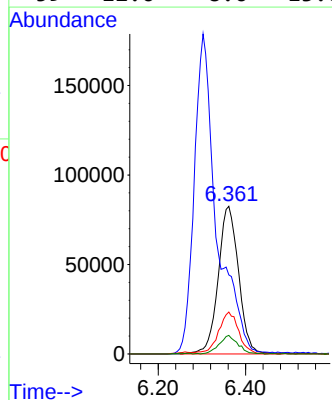
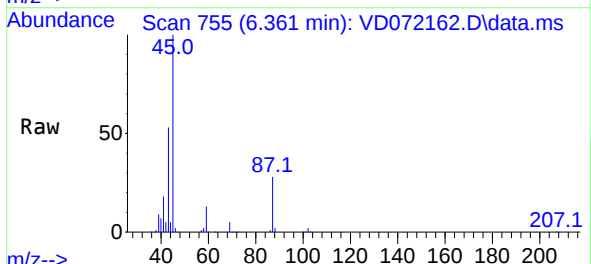
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

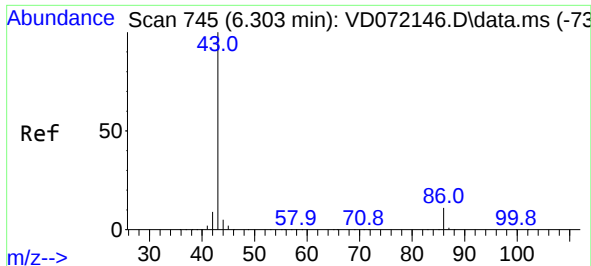
Tgt Ion: 96 Resp: 67636
Ion Ratio Lower Upper
96 100
61 136.7 117.9 176.9
98 61.4 49.4 74.2



#22
Diisopropyl ether
Concen: 19.771 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 45 Resp: 266315
Ion Ratio Lower Upper
45 100
43 52.5 46.6 70.0
87 28.4 18.4 27.6#
59 12.6 8.6 13.0

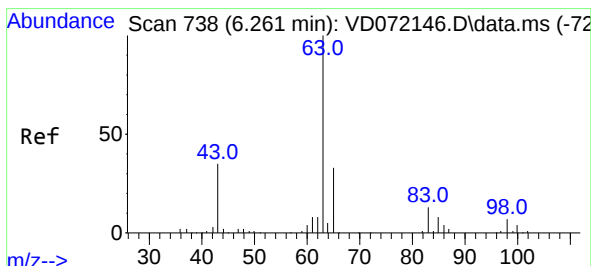
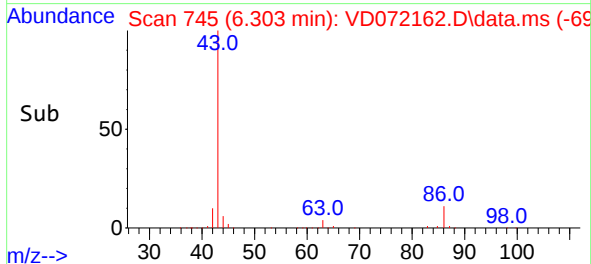
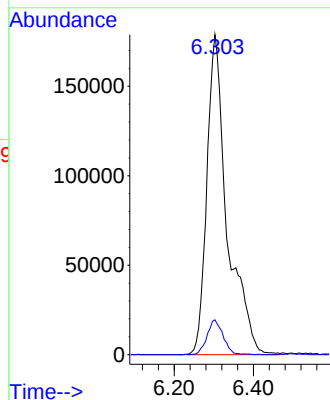
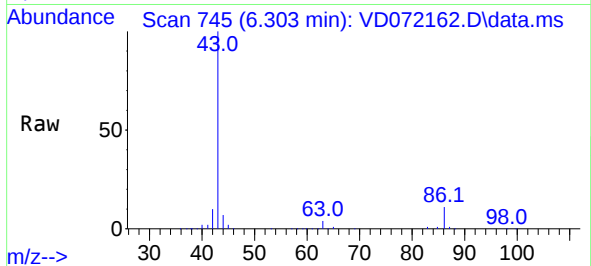




#23
 Vinyl Acetate
 Concen: 92.768 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072162.D
 Acq: 14 Mar 2022 12:16

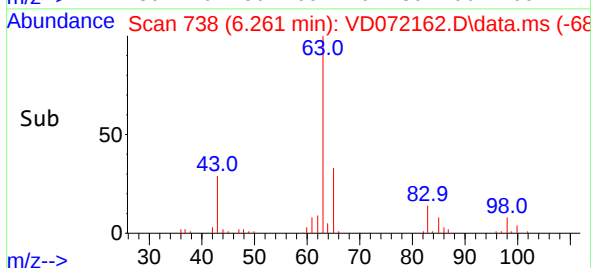
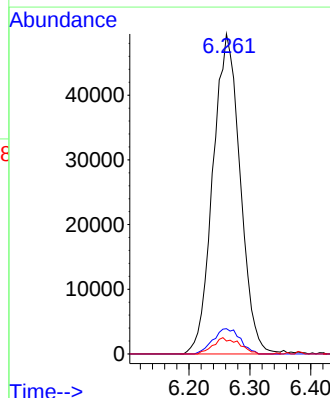
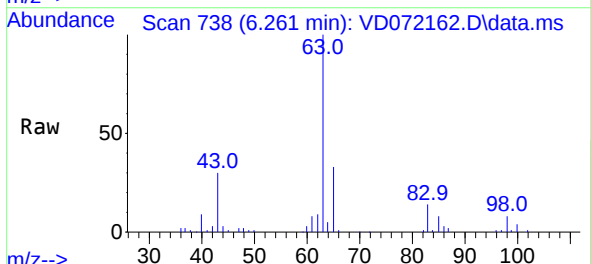
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

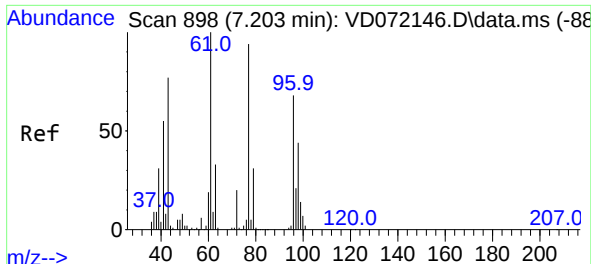
Tgt Ion: 43 Resp: 637720
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.366 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072162.D
 Acq: 14 Mar 2022 12:16

Tgt Ion: 63 Resp: 153843
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.1 2.1 6.5

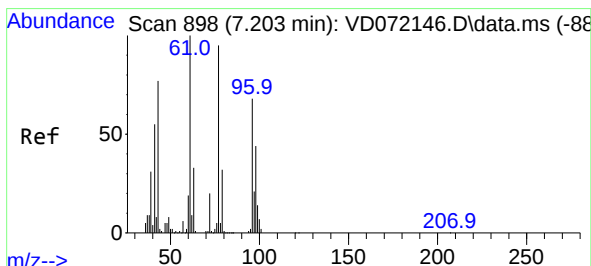
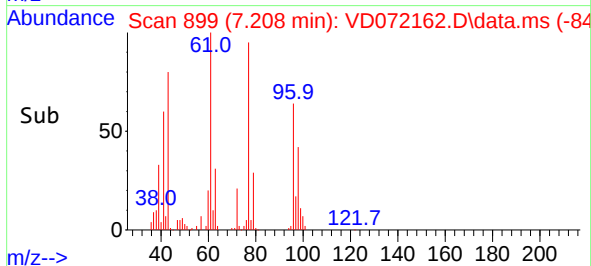
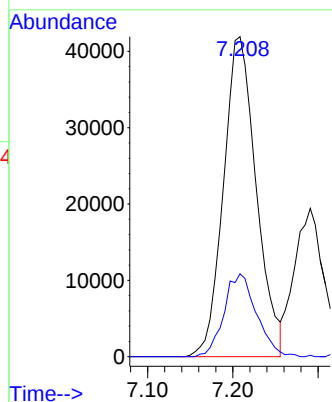
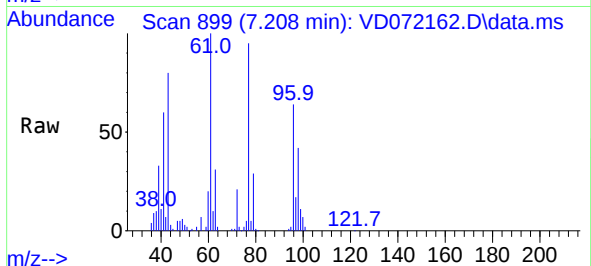




#25
2-Butanone
Concen: 94.765 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

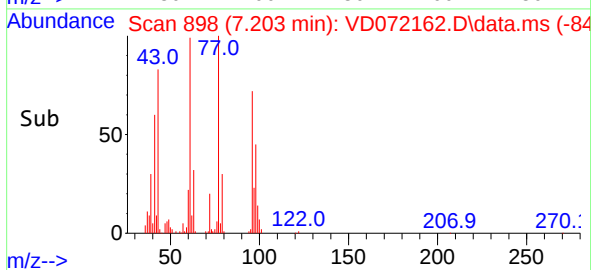
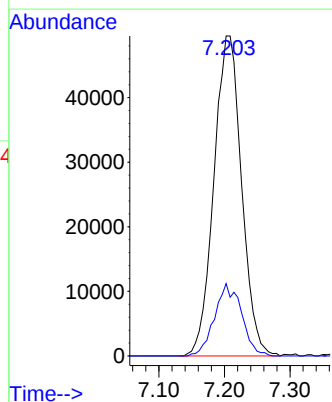
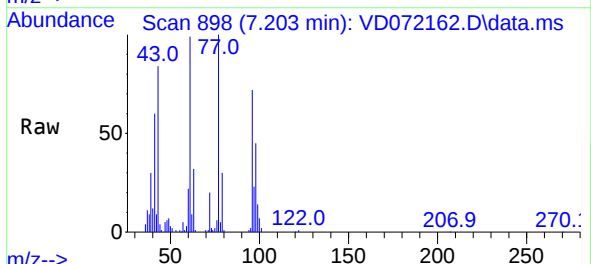
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

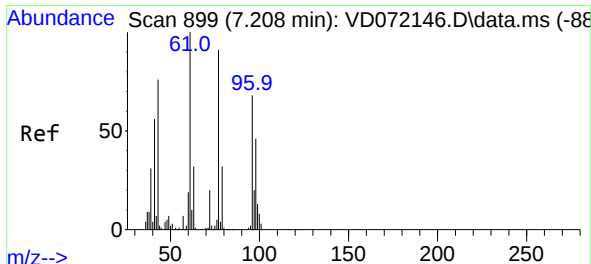
Tgt Ion: 43 Resp: 112358
Ion Ratio Lower Upper
43 100
72 25.9 18.6 27.8



#26
2,2-Dichloropropane
Concen: 20.249 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 77 Resp: 145136
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.220 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

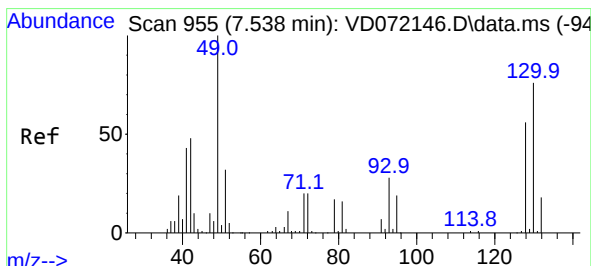
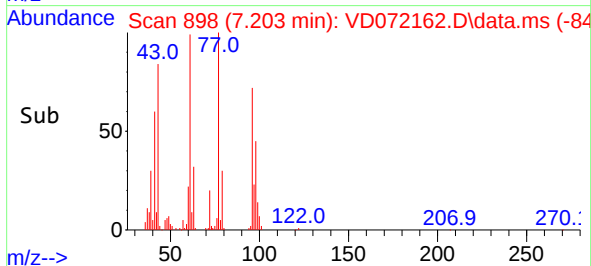
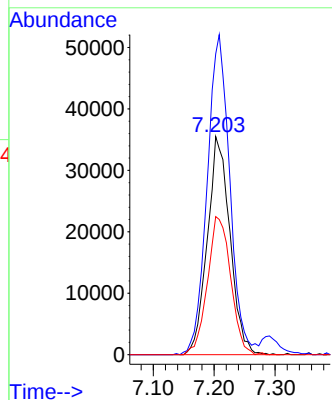
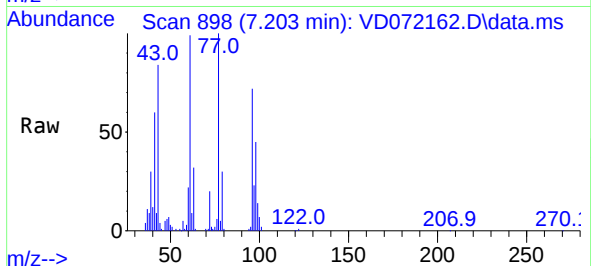
MSVOA_D

ClientSampleId :

VD0314SBS01

Tgt Ion: 96 Resp: 91670

Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	313.8
98	65.1	0.0	128.8



#28

Bromochloromethane

Concen: 19.444 ug/l

RT: 7.544 min Scan# 956

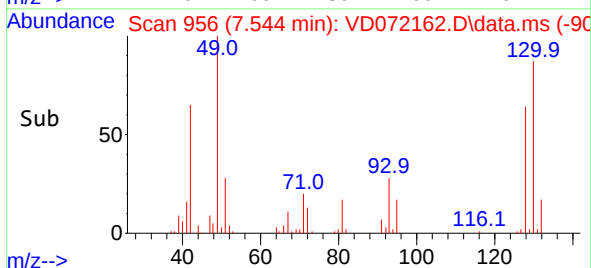
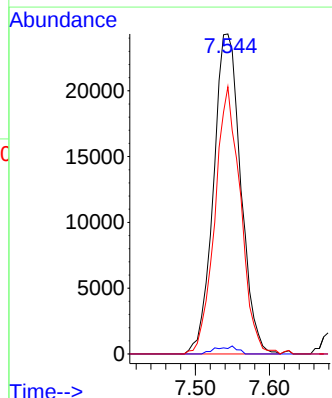
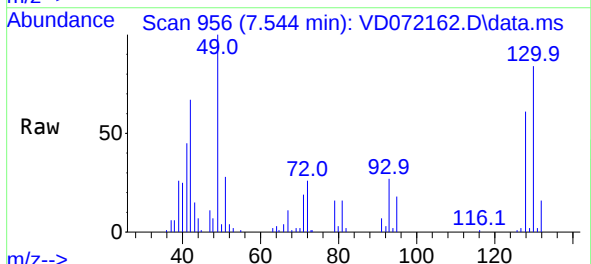
Delta R.T. 0.006 min

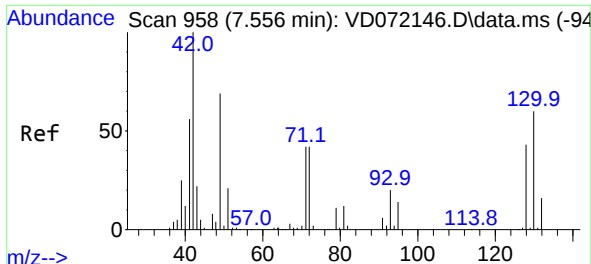
Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Tgt Ion: 49 Resp: 62183

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	78.4	52.6	79.0





#29

Tetrahydrofuran

Concen: 90.566 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

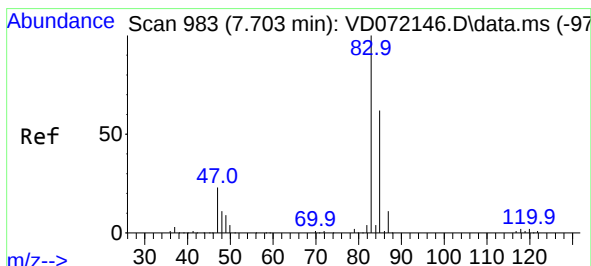
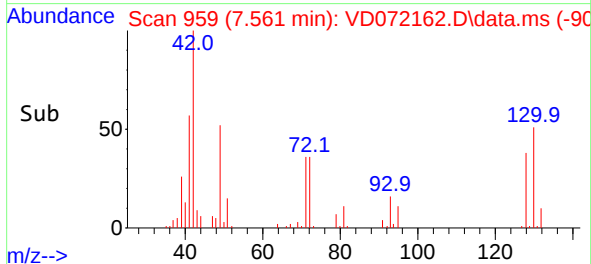
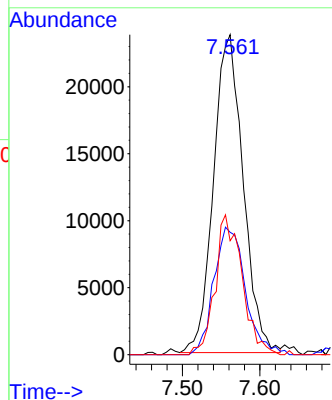
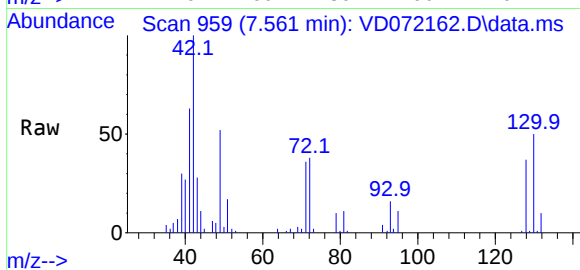
Tgt Ion: 42 Resp: 63140

Ion Ratio Lower Upper

42 100

72 42.7 30.7 46.1

71 39.9 28.6 43.0



#30

Chloroform

Concen: 20.353 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD072162.D

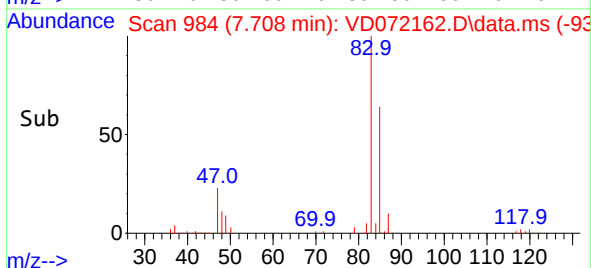
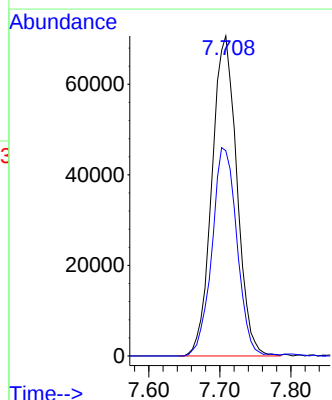
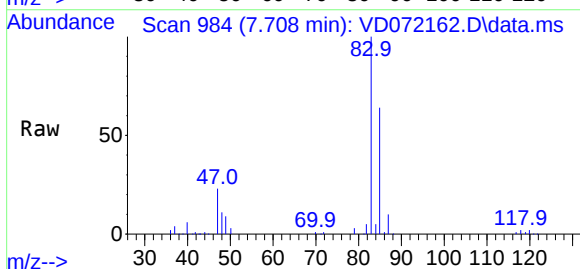
Acq: 14 Mar 2022 12:16

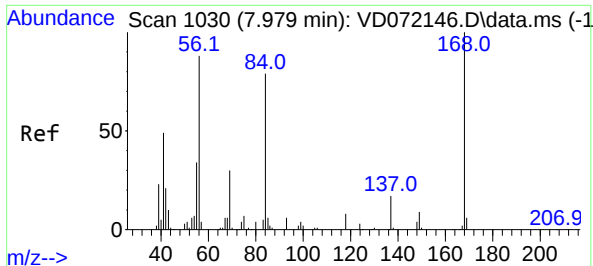
Tgt Ion: 83 Resp: 172243

Ion Ratio Lower Upper

83 100

85 64.1 52.7 79.1





#31

Cyclohexane

Concen: 17.249 ug/l

RT: 7.985 min Scan# 110372

Delta R.T. 0.006 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

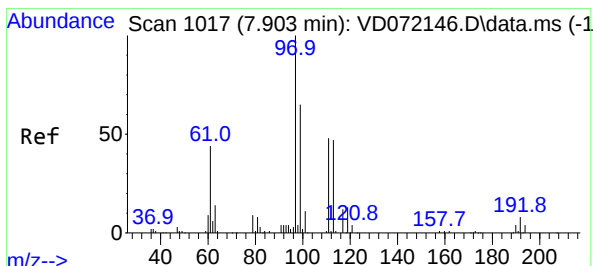
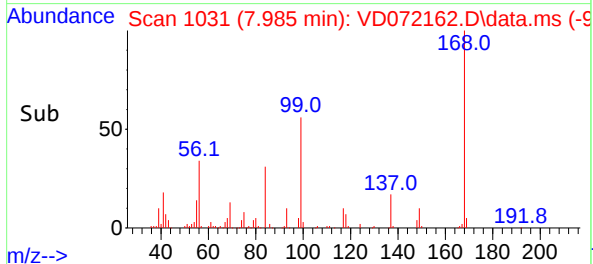
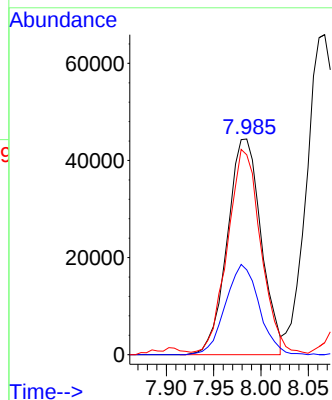
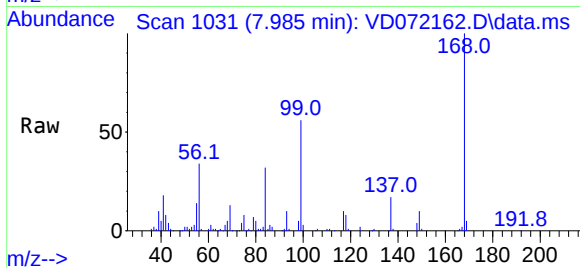
Tgt Ion: 56 Resp: 110372

Ion Ratio Lower Upper

56 100

69 39.3 25.4 38.2#

84 90.9 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 19.546 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

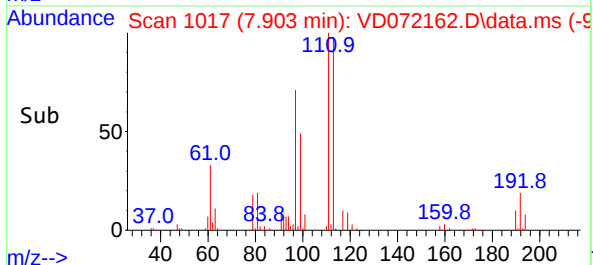
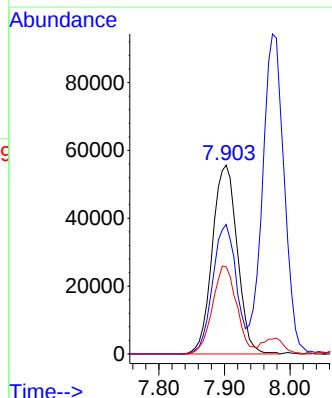
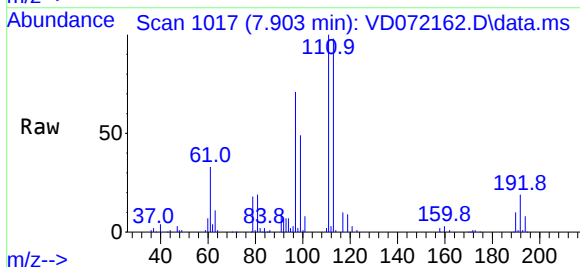
Tgt Ion: 97 Resp: 146919

Ion Ratio Lower Upper

97 100

99 64.7 52.4 78.6

61 45.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.745 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

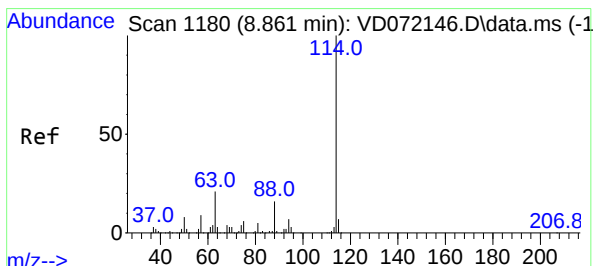
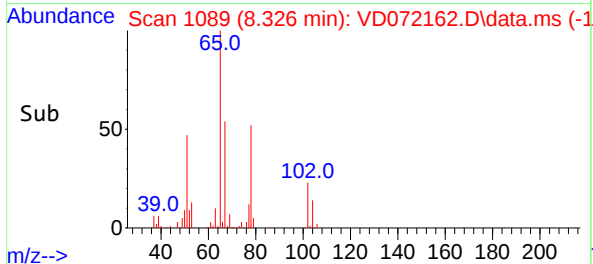
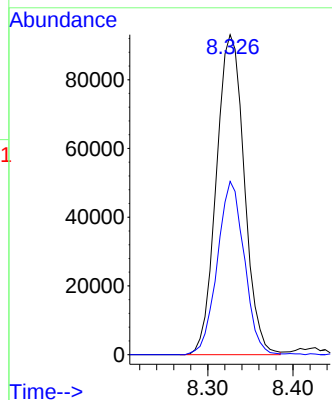
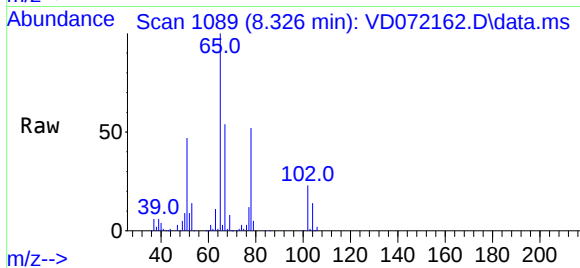
VD0314SBS01

Tgt Ion: 65 Resp: 211928

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

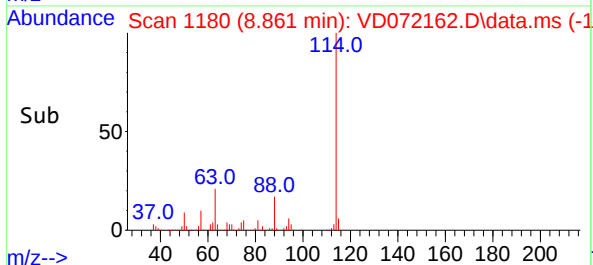
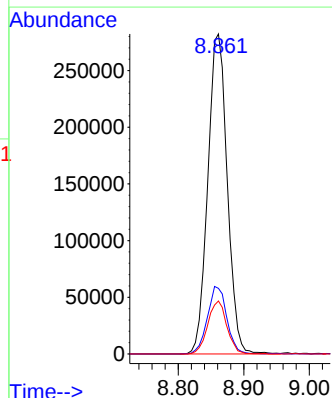
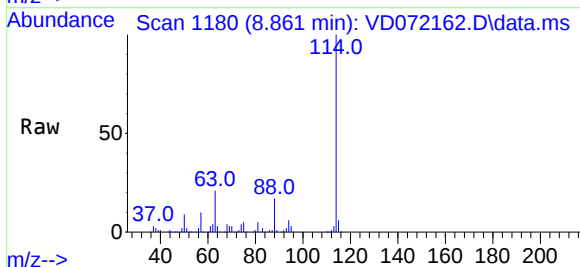
Tgt Ion: 114 Resp: 582486

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.5 0.0 33.2

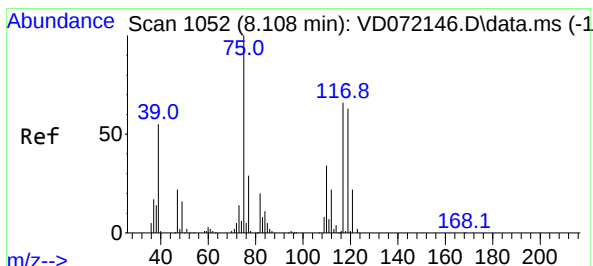
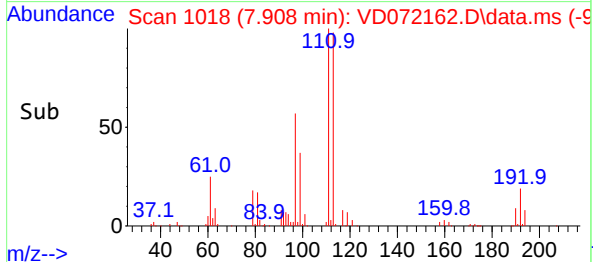
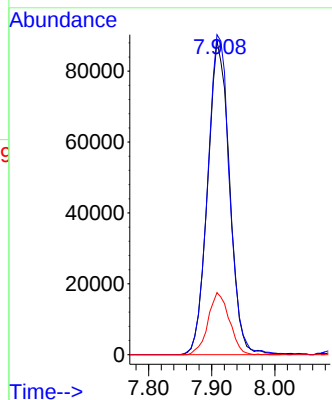
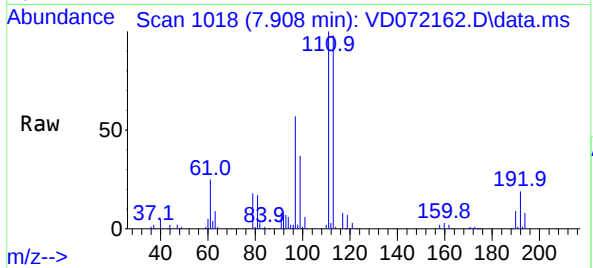




#35
Dibromofluoromethane
Concen: 51.998 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

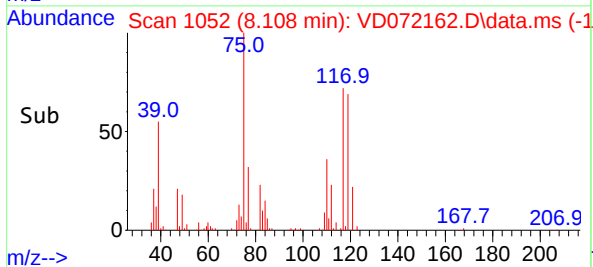
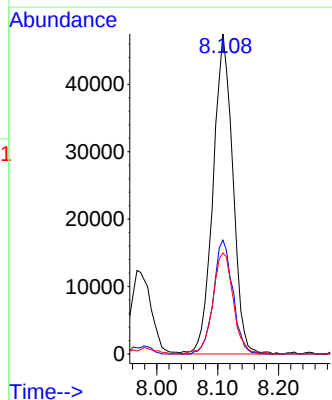
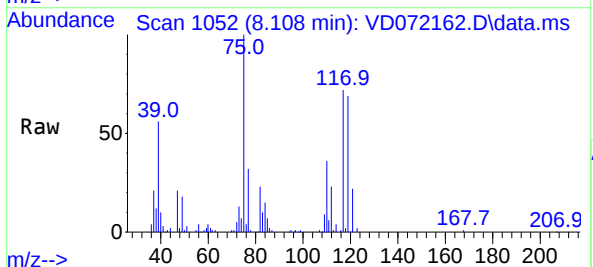
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Tgt Ion:113 Resp: 213141
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 18.574 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 75 Resp: 106808
Ion Ratio Lower Upper
75 100
110 34.7 16.4 49.1
77 32.6 24.2 36.2





#37

Ethyl Acetate

Concen: 19.344 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

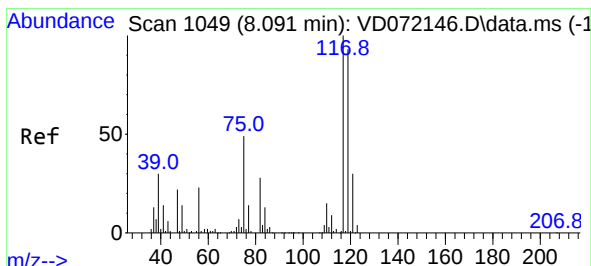
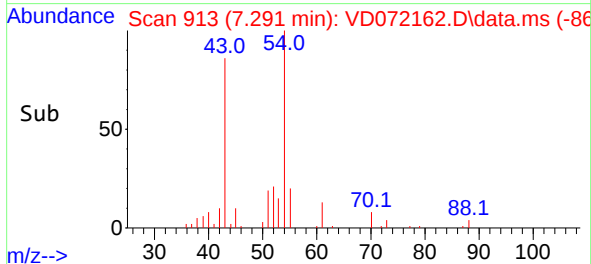
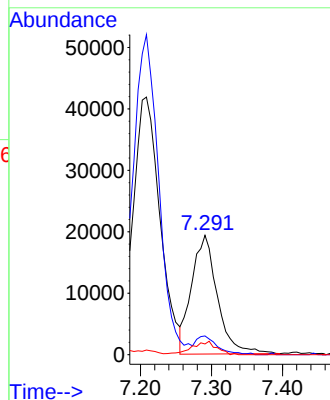
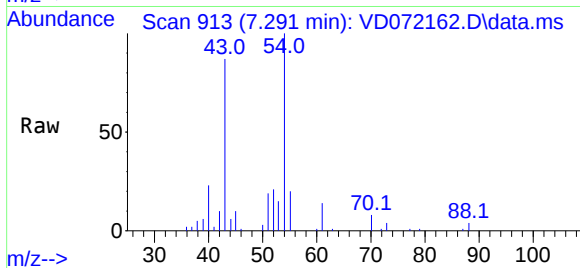
Tgt Ion: 43 Resp: 48725

Ion Ratio Lower Upper

43 100

61 12.8 9.8 14.8

70 10.7 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 20.226 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

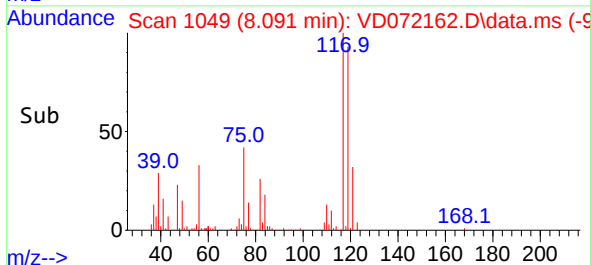
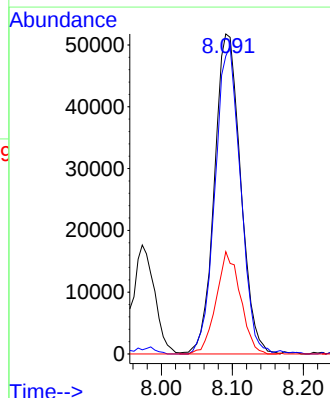
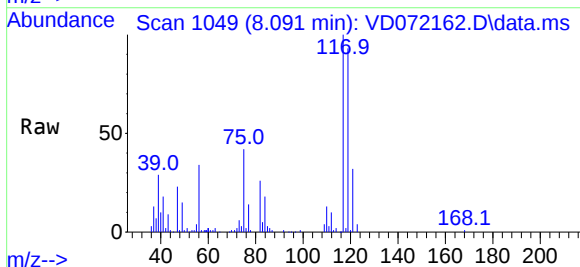
Tgt Ion: 117 Resp: 132210

Ion Ratio Lower Upper

117 100

119 93.1 75.8 113.6

121 31.9 24.5 36.7





#39

Methylcyclohexane

Concen: 17.312 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

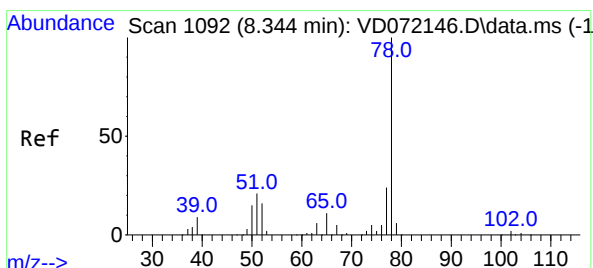
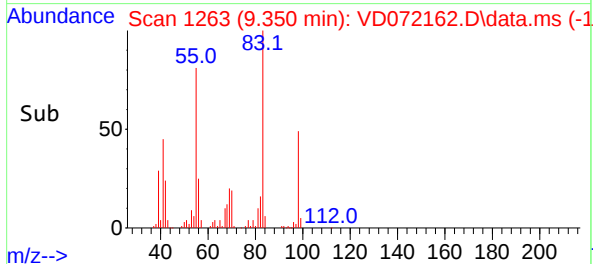
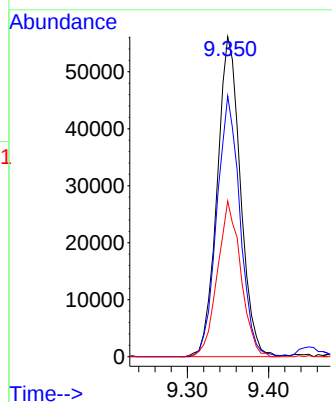
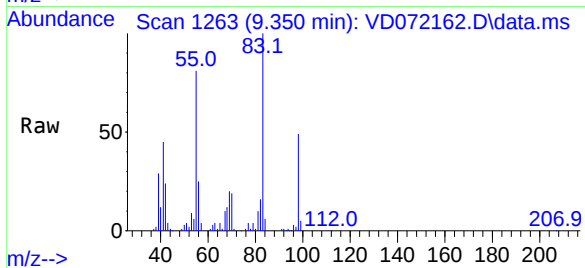
Tgt Ion: 83 Resp: 112022

Ion Ratio Lower Upper

83 100

55 81.5 63.2 94.8

98 48.7 38.2 57.4



#40

Benzene

Concen: 19.137 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072162.D

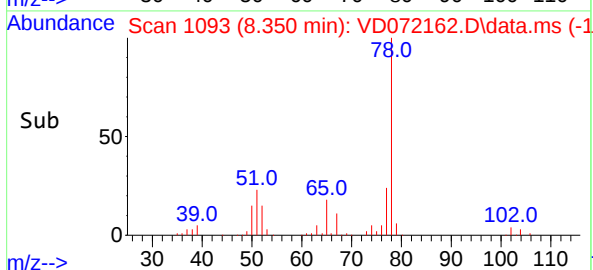
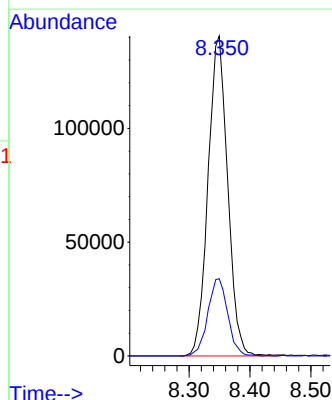
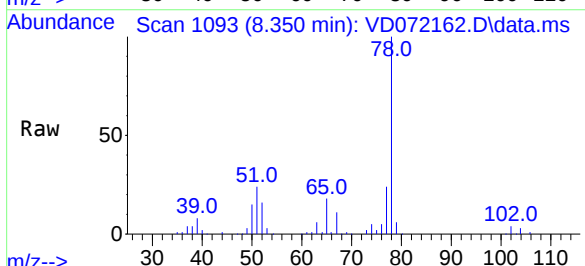
Acq: 14 Mar 2022 12:16

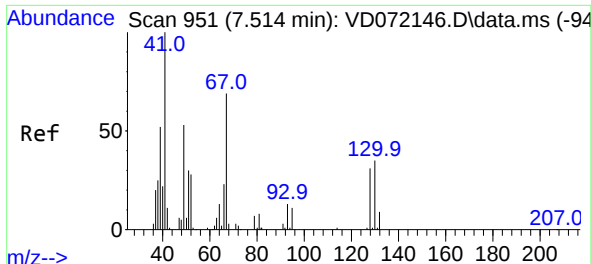
Tgt Ion: 78 Resp: 313947

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

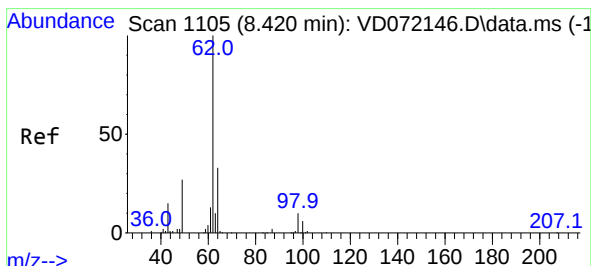
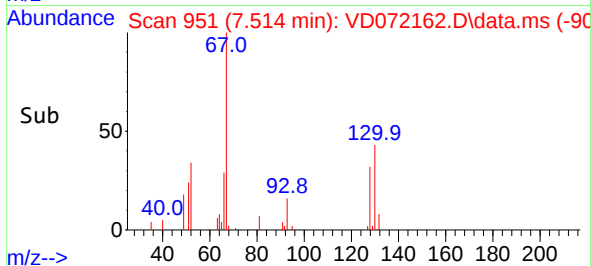
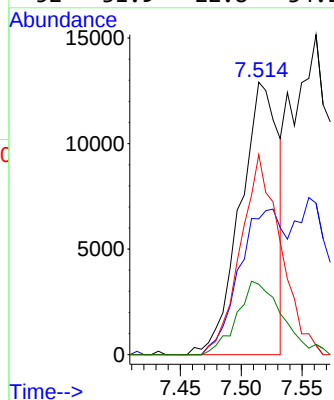
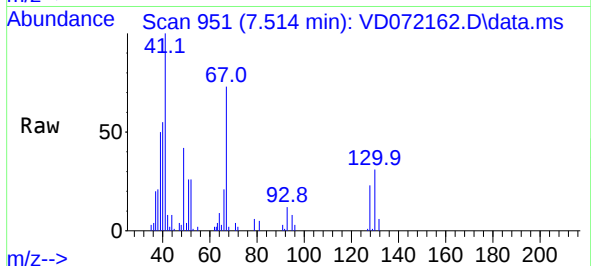




#41
Methacrylonitrile
Concen: 19.231 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

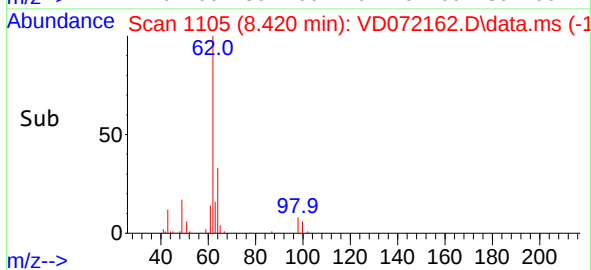
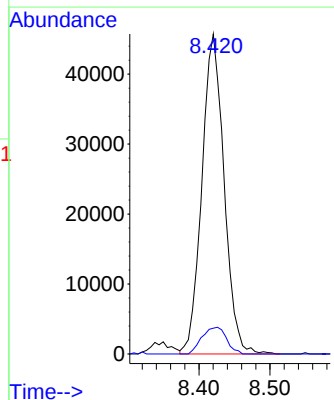
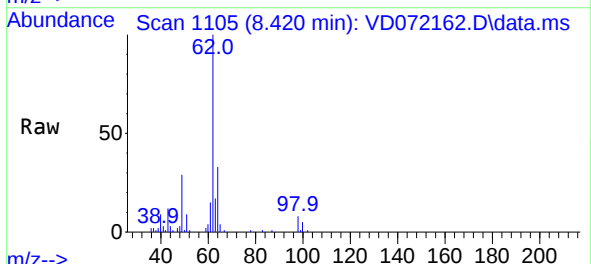
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Tgt Ion:	41	Resp:	28234
Ion	Ratio	Lower	Upper
41	100		
39	64.2	44.6	67.0
67	76.8	48.2	72.4#
52	31.9	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.962 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:	62	Resp:	99343
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.048 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD072162.D

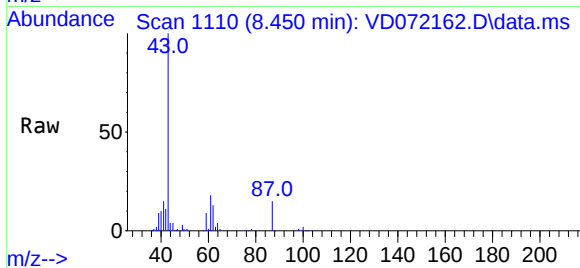
Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01



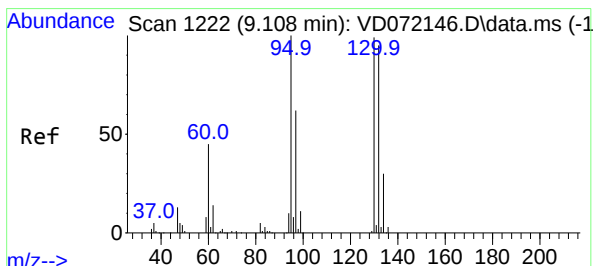
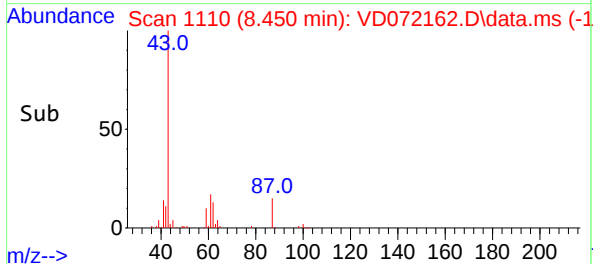
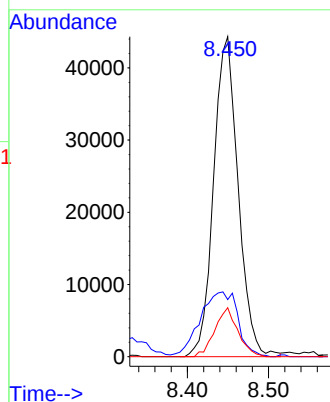
Tgt Ion: 43 Resp: 93129

Ion Ratio Lower Upper

43 100

61 31.2 22.4 33.6

87 14.4 8.7 13.1#



#44

Trichloroethene

Concen: 19.282 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD072162.D

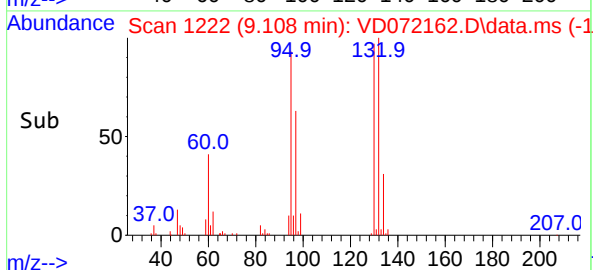
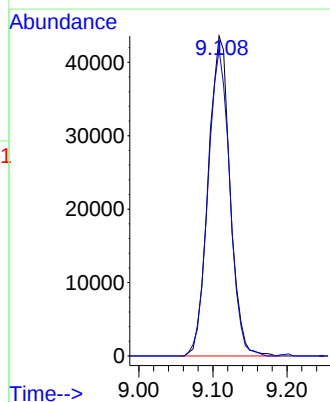
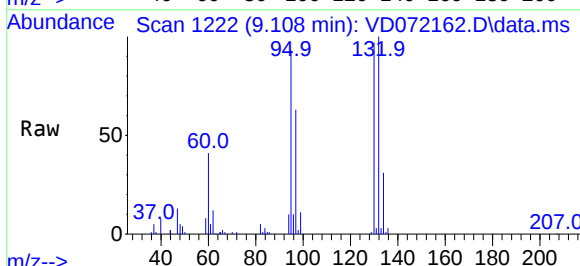
Acq: 14 Mar 2022 12:16

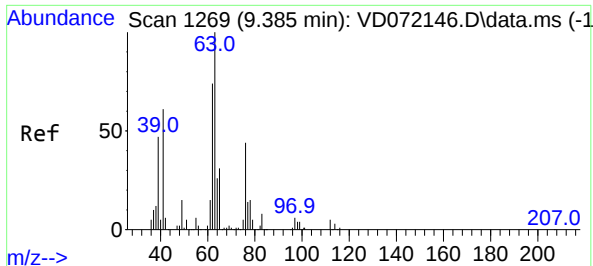
Tgt Ion:130 Resp: 88802

Ion Ratio Lower Upper

130 100

95 95.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.299 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

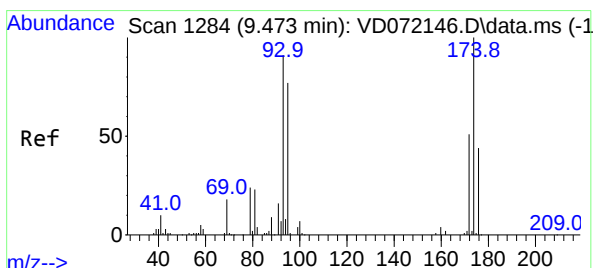
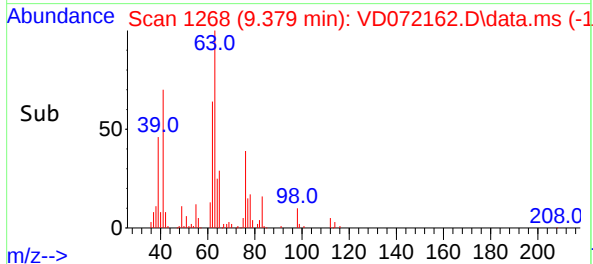
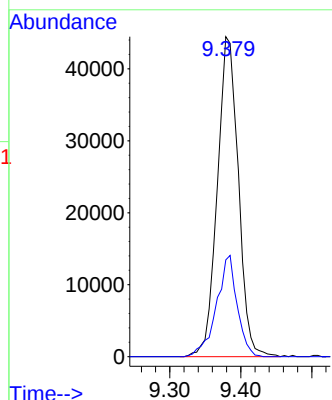
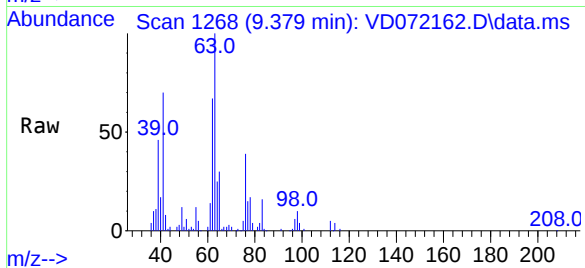
VD0314SBS01

Tgt Ion: 63 Resp: 91329

Ion Ratio Lower Upper

63 100

65 30.2 26.2 39.4



#46

Dibromomethane

Concen: 19.802 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

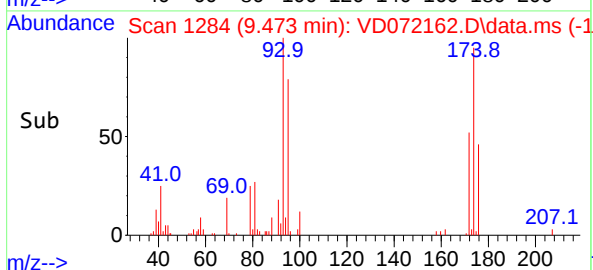
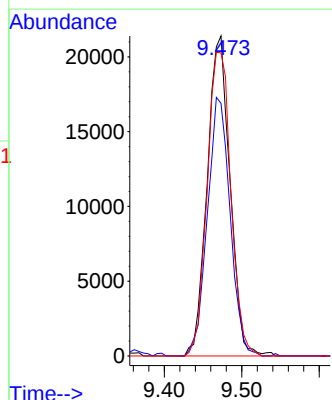
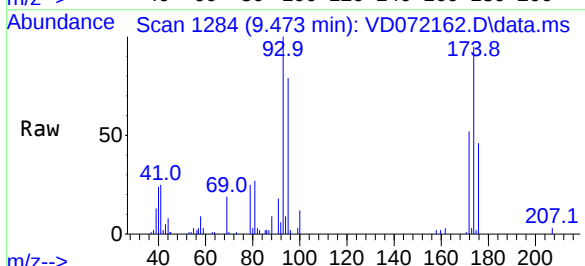
Tgt Ion: 93 Resp: 43825

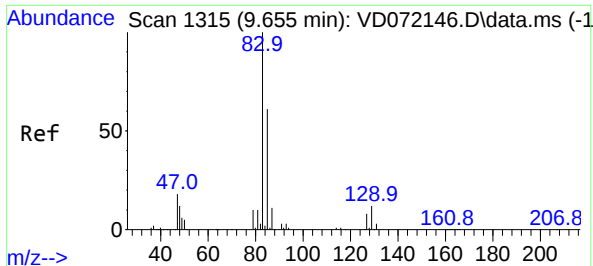
Ion Ratio Lower Upper

93 100

95 80.3 66.7 100.1

174 98.5 71.6 107.4

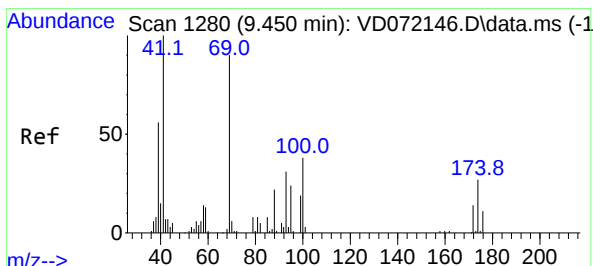
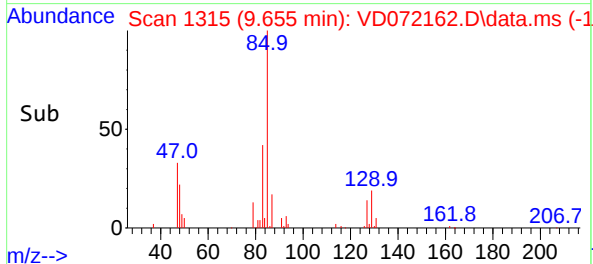
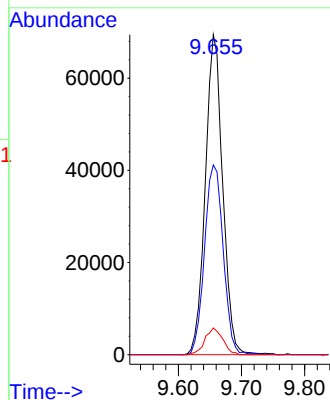
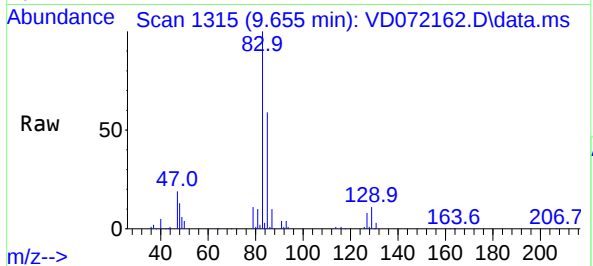




#47
Bromodichloromethane
Concen: 20.590 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

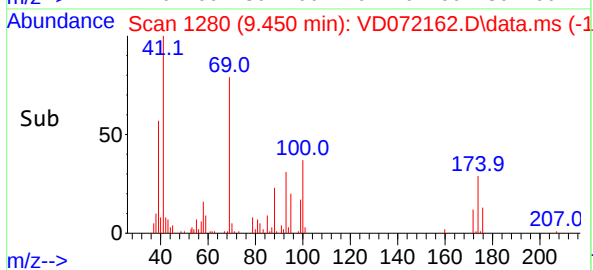
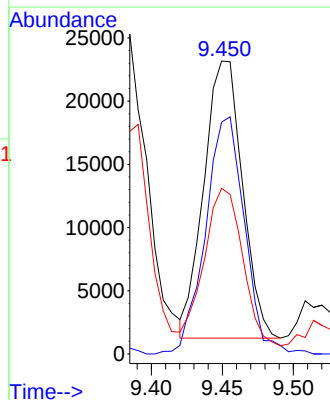
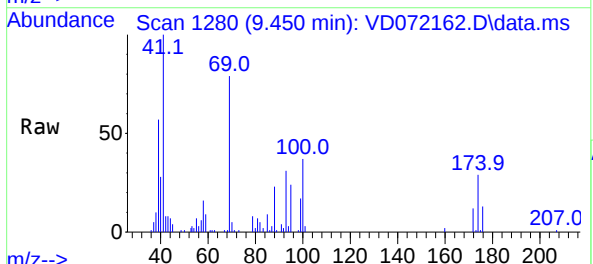
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

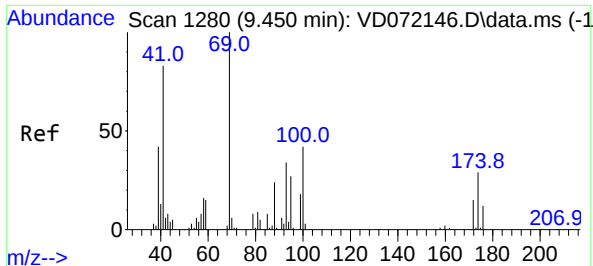
Tgt Ion: 83 Resp: 132844
Ion Ratio Lower Upper
83 100
85 59.3 51.4 77.0
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 17.727 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 41 Resp: 41383
Ion Ratio Lower Upper
41 100
69 87.0 56.7 85.1#
39 63.3 42.7 64.1

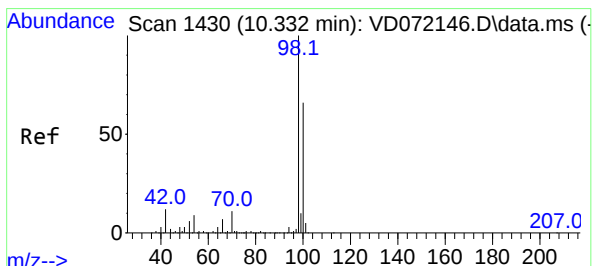
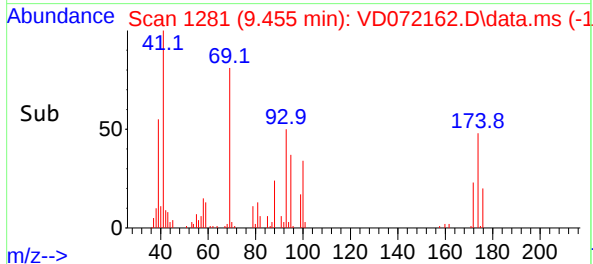
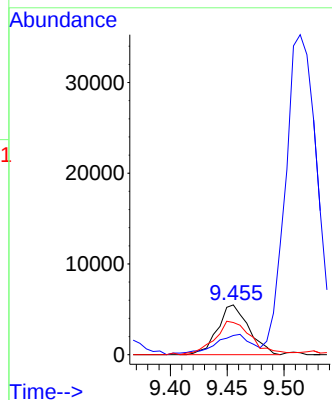
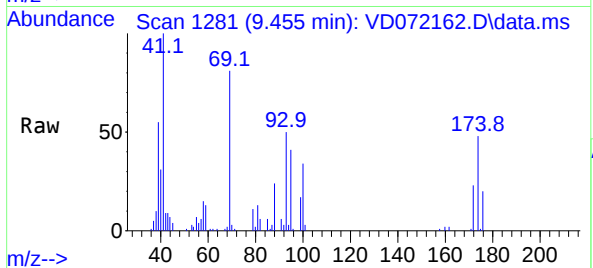




#49
1,4-Dioxane
Concen: 393.490 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

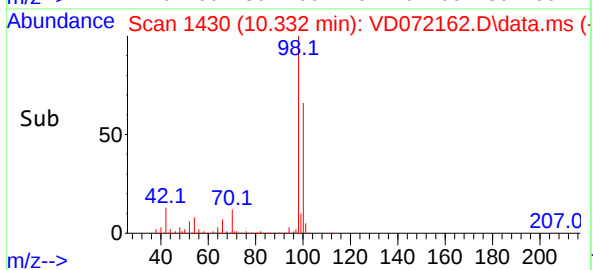
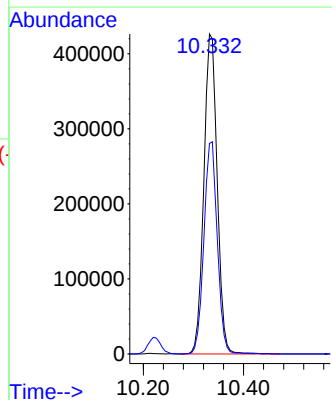
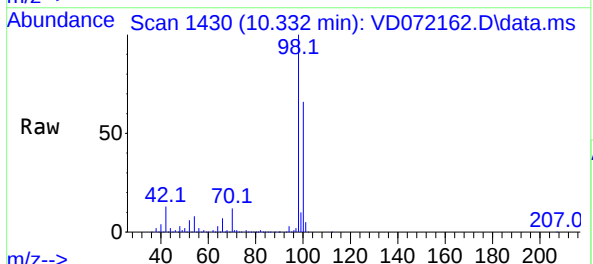
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

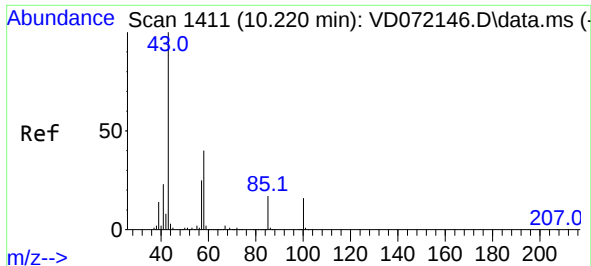
Tgt Ion: 88 Resp: 10443
Ion Ratio Lower Upper
88 100
43 47.0 31.0 46.4#
58 79.7 58.1 87.1



#50
Toluene-d8
Concen: 52.705 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 98 Resp: 789952
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

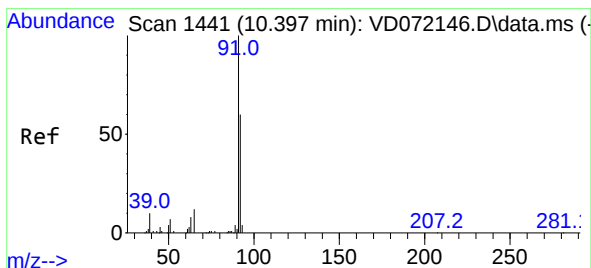
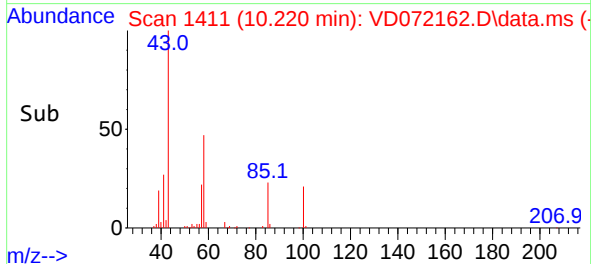
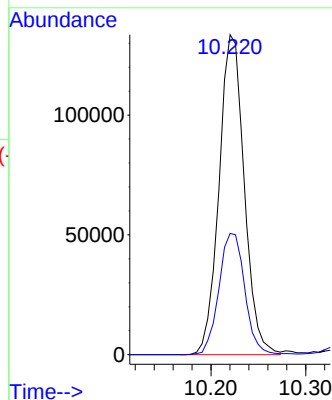
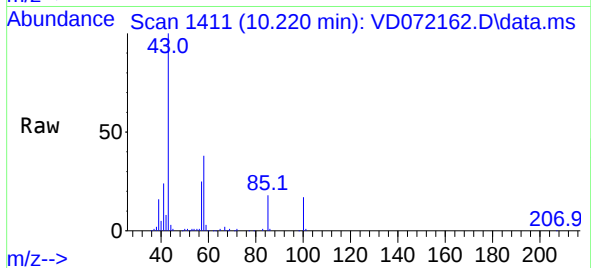




#51
4-Methyl-2-Pentanone
Concen: 96.143 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

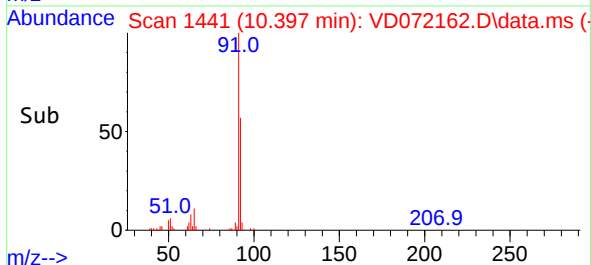
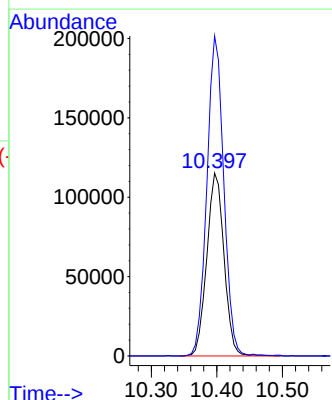
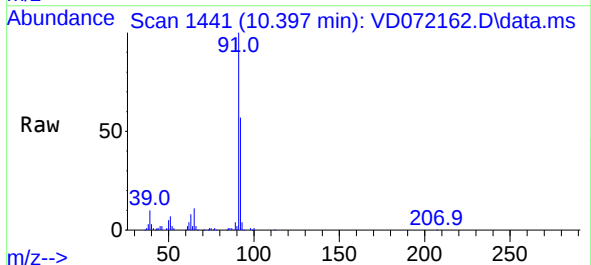
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

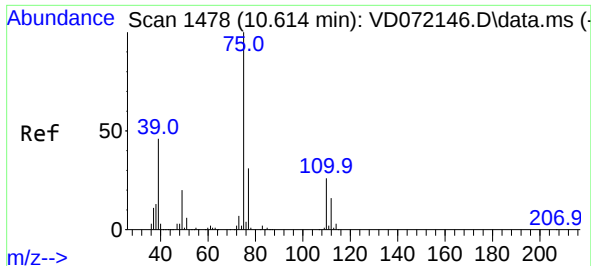
Tgt Ion: 43 Resp: 246880
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 19.506 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 92 Resp: 210570
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4

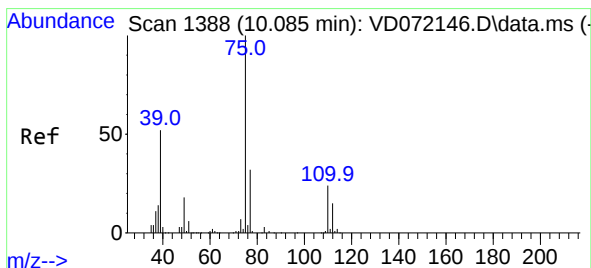
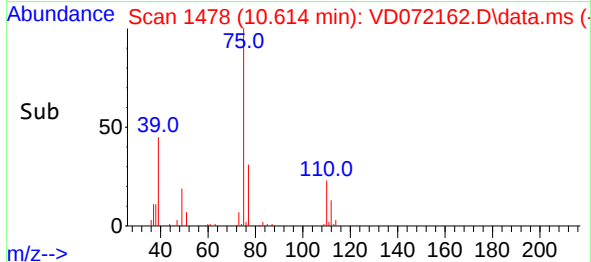
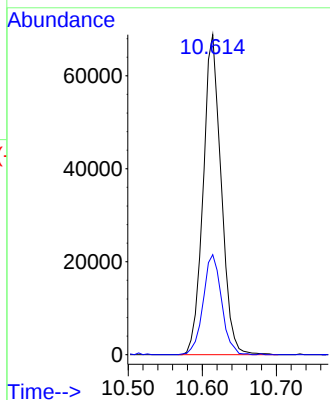
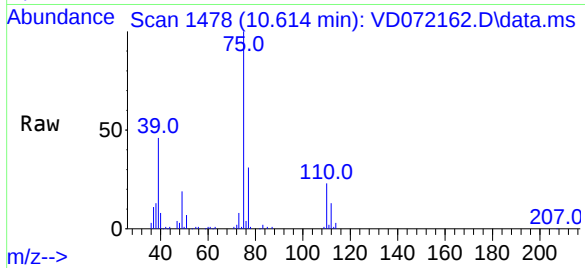




#53
 t-1,3-Dichloropropene
 Concen: 19.721 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD072162.D
 Acq: 14 Mar 2022 12:16

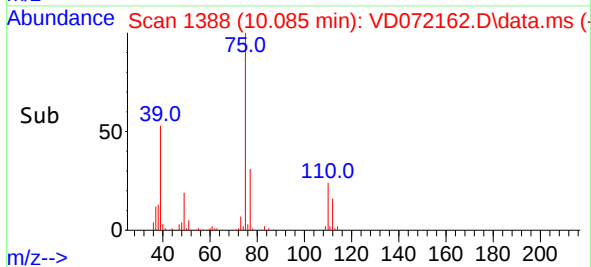
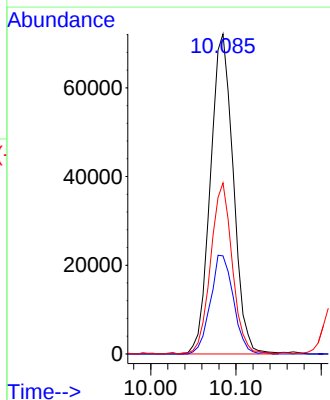
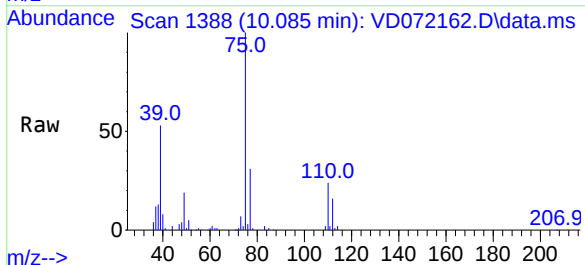
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

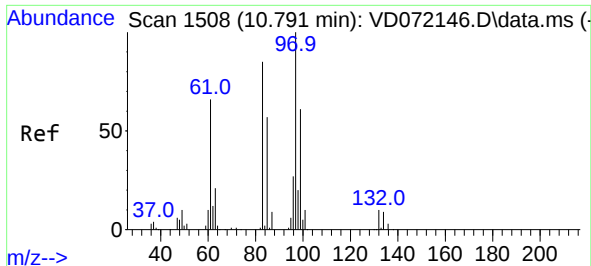
Tgt Ion: 75 Resp: 116248
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.722 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD072162.D
 Acq: 14 Mar 2022 12:16

Tgt Ion: 75 Resp: 134394
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2
 39 53.4 46.8 70.2

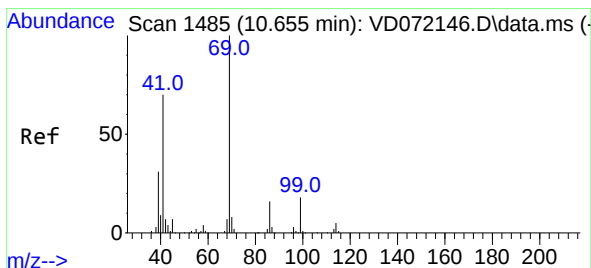
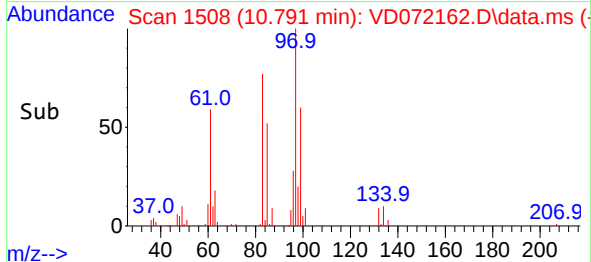
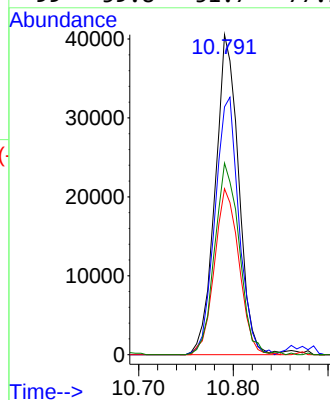
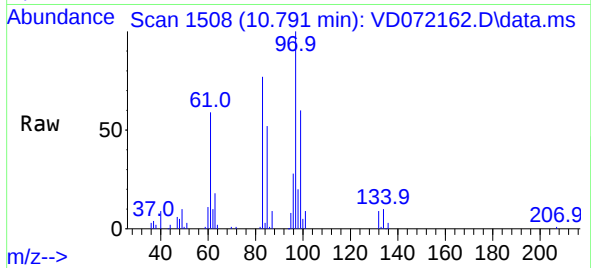




#55
1,1,2-Trichloroethane
Concen: 20.675 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

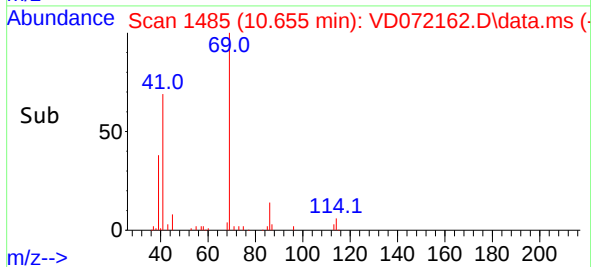
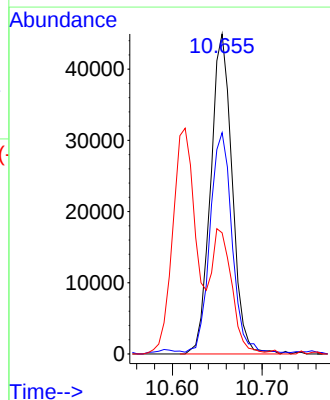
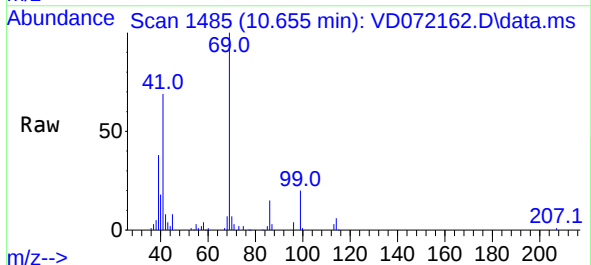
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

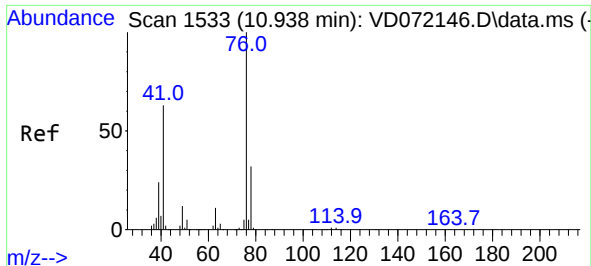
Tgt Ion:	97	Resp:	69702
Ion	Ratio	Lower	Upper
97	100		
83	77.4	69.0	103.4
85	51.9	42.6	63.8
99	59.8	51.7	77.5



#56
Ethyl methacrylate
Concen: 18.962 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:	69	Resp:	74880
Ion	Ratio	Lower	Upper
69	100		
41	70.0	63.0	94.6
39	35.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.903 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

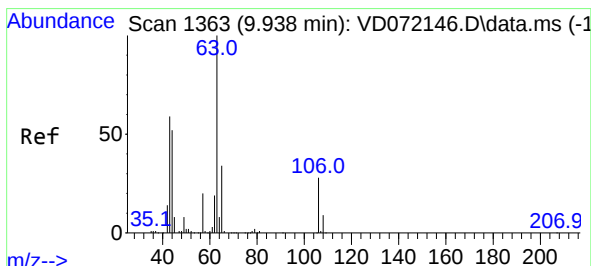
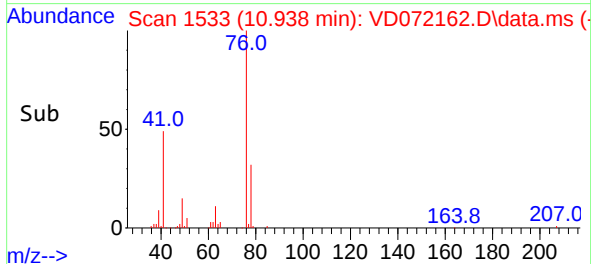
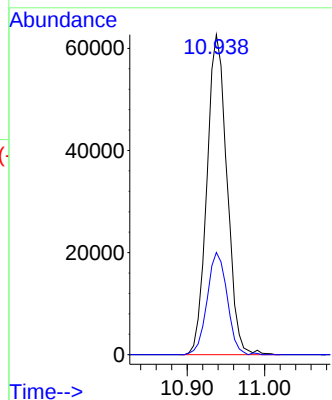
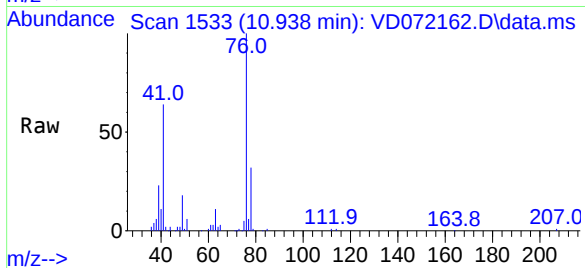
VD0314SBS01

Tgt Ion: 76 Resp: 112615

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 97.070 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072162.D

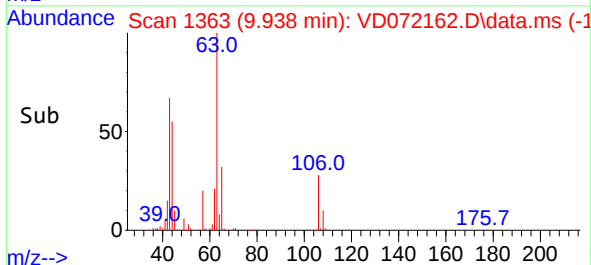
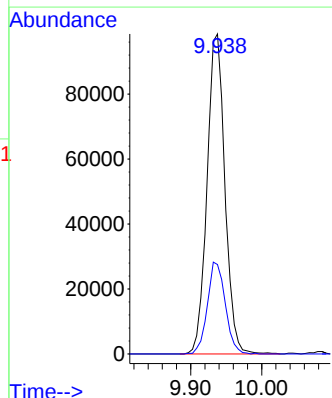
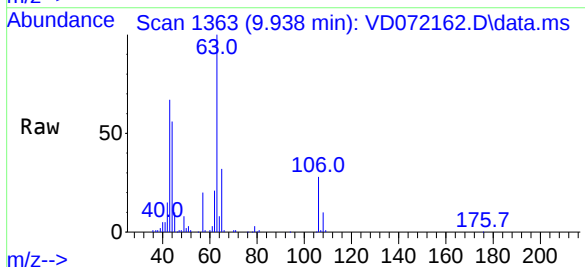
Acq: 14 Mar 2022 12:16

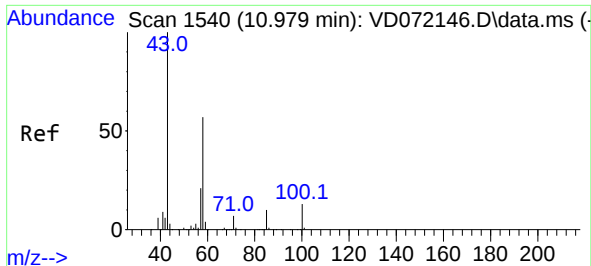
Tgt Ion: 63 Resp: 172351

Ion Ratio Lower Upper

63 100

106 28.8 21.4 32.0

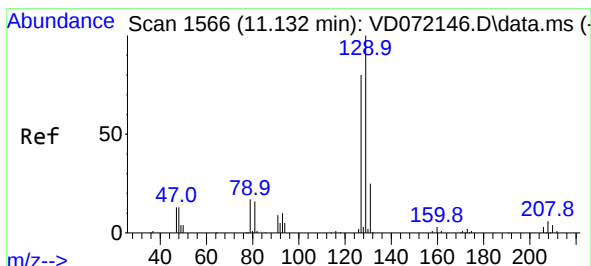
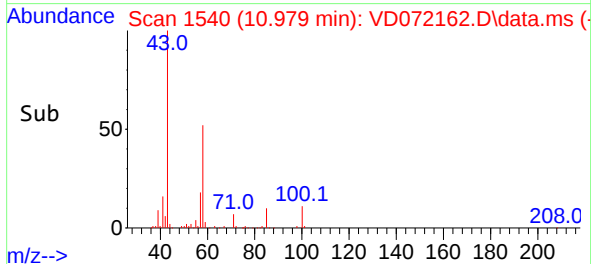
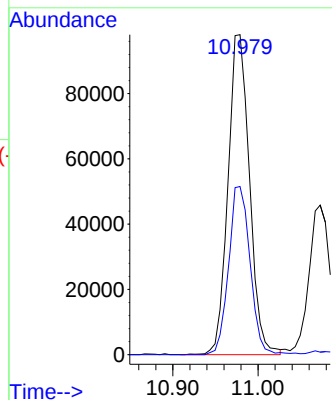
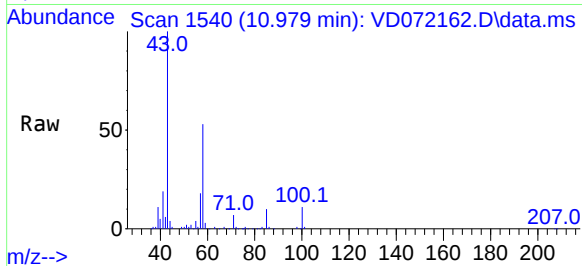




#59
2-Hexanone
Concen: 97.135 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

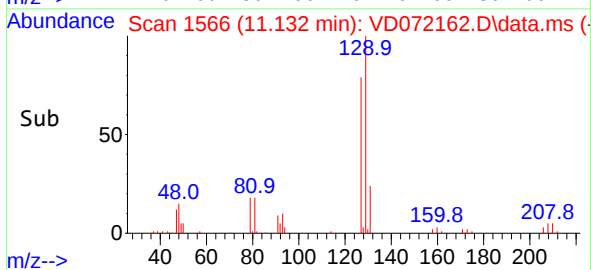
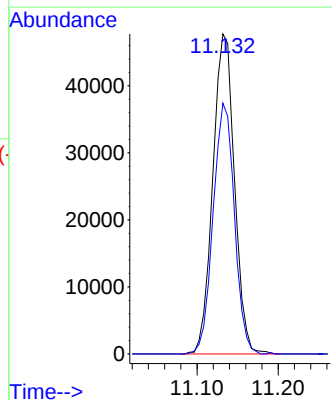
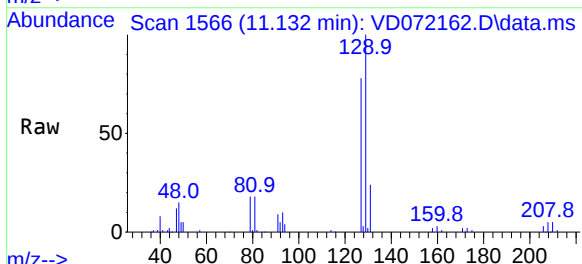
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

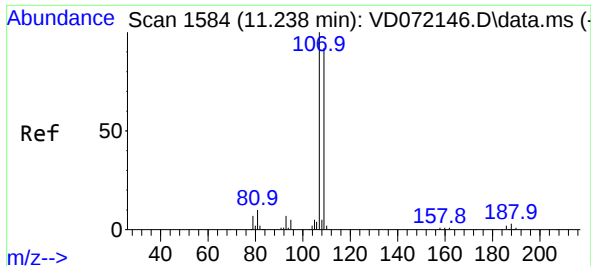
Tgt Ion: 43 Resp: 172273
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9



#60
Dibromochloromethane
Concen: 20.245 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 129 Resp: 88569
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

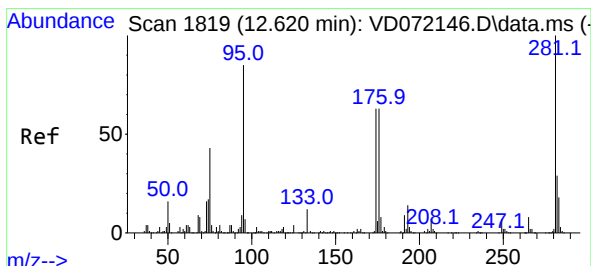
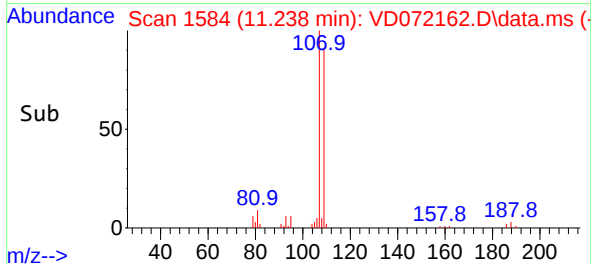
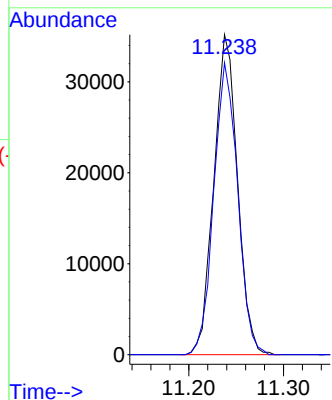
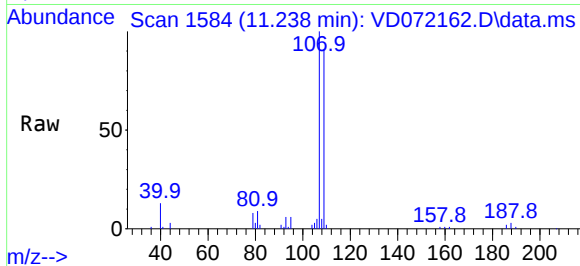




#61
1,2-Dibromoethane
Concen: 20.100 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

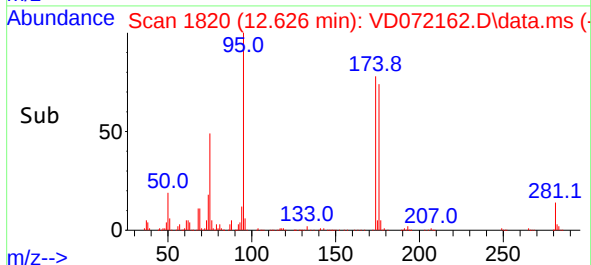
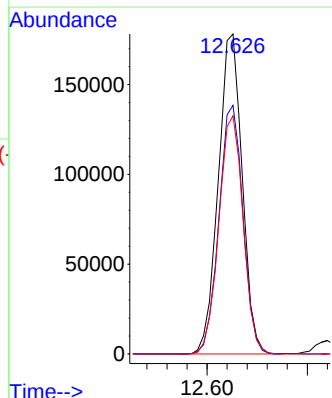
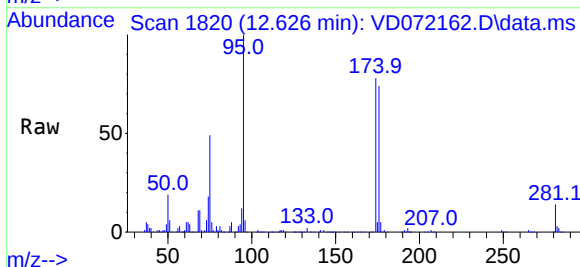
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

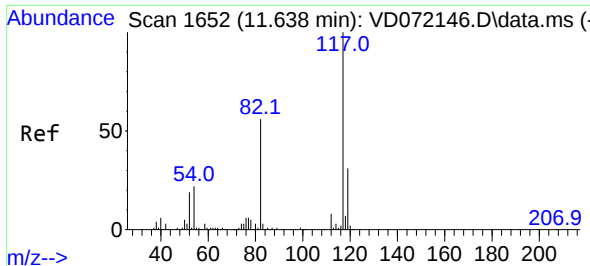
Tgt Ion:107 Resp: 61235
Ion Ratio Lower Upper
107 100
109 92.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.554 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 95 Resp: 294410
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 75.4 0.0 145.4

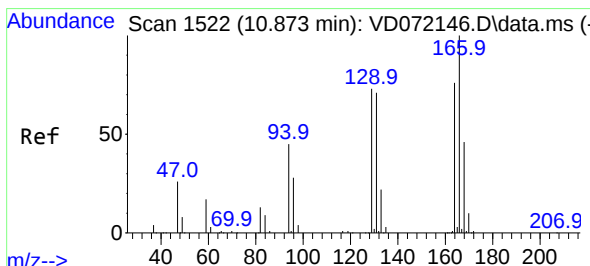
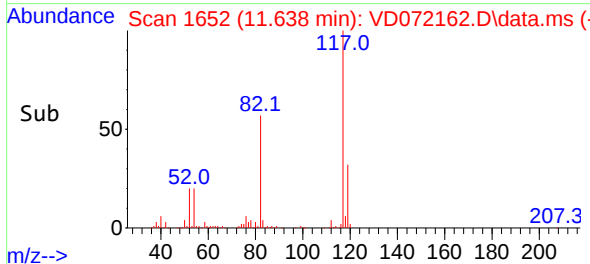
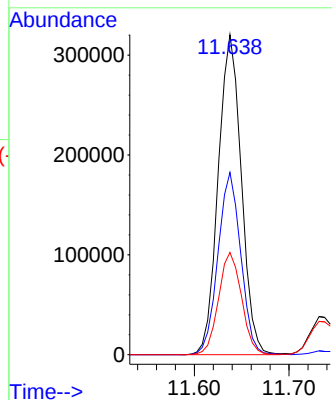
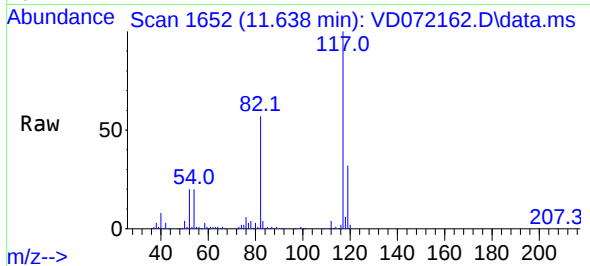




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

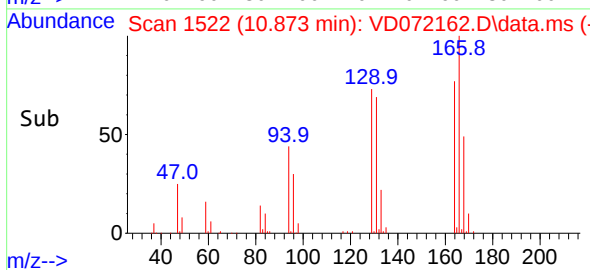
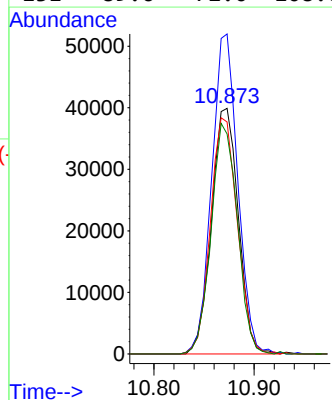
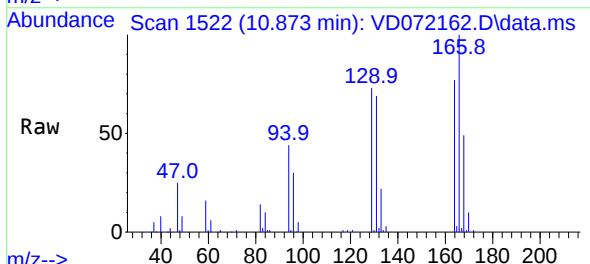
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

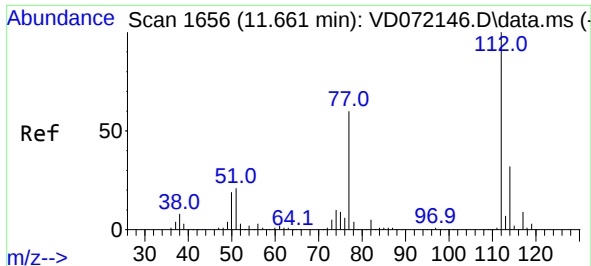
Tgt Ion:117 Resp: 544127
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 32.0 26.6 40.0



#64
Tetrachloroethene
Concen: 19.356 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:164 Resp: 74209
Ion Ratio Lower Upper
164 100
166 130.3 98.5 147.7
129 94.5 74.6 111.8
131 89.6 72.0 108.0

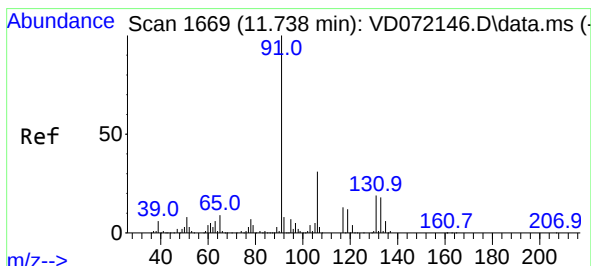
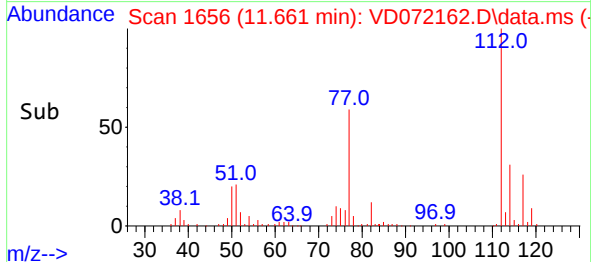
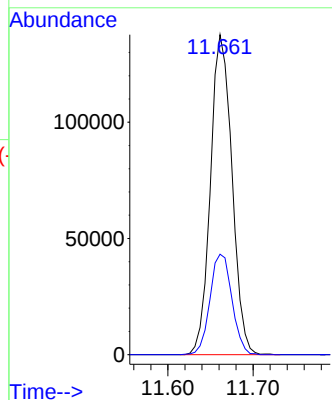
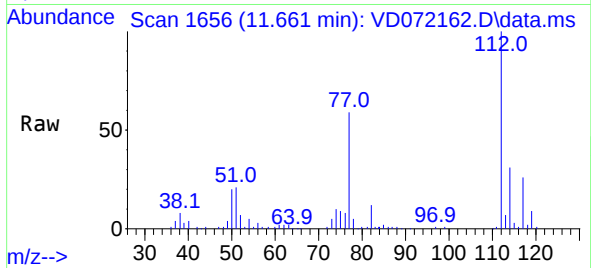




#65
Chlorobenzene
Concen: 20.016 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

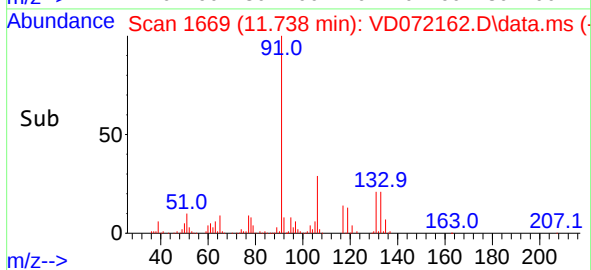
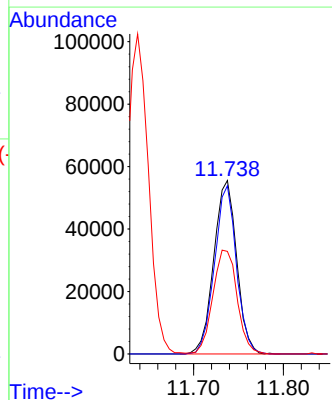
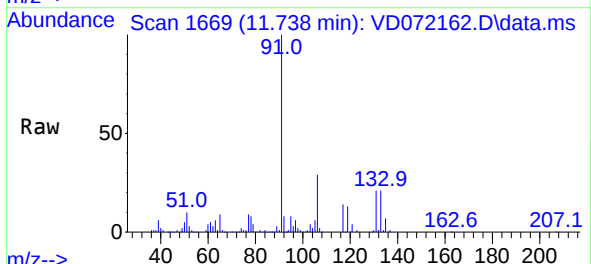
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

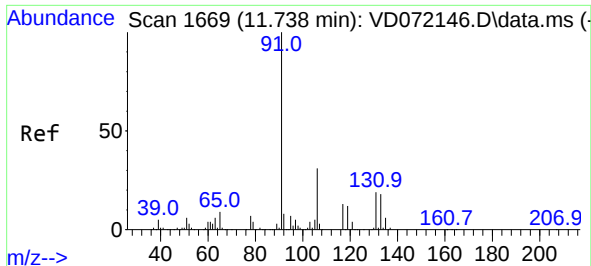
Tgt Ion:112 Resp: 241449
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.611 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:131 Resp: 98322
Ion Ratio Lower Upper
131 100
133 92.7 48.1 144.3
119 63.6 31.9 95.9

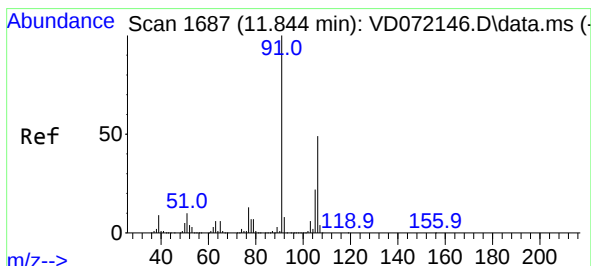
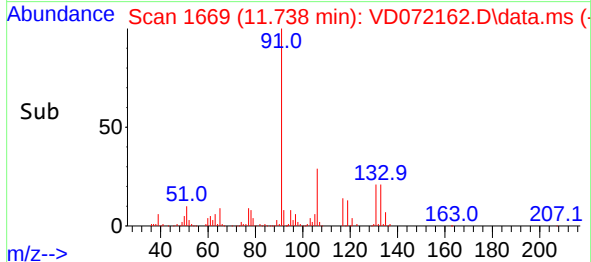
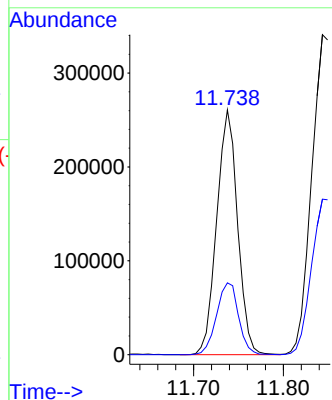
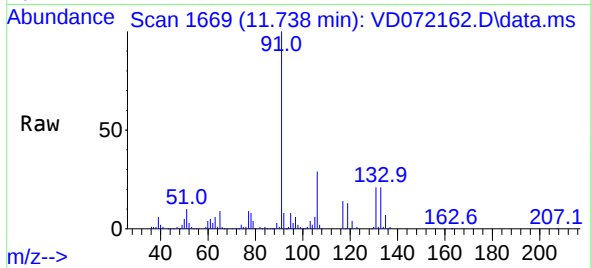




#67
Ethyl Benzene
Concen: 19.534 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

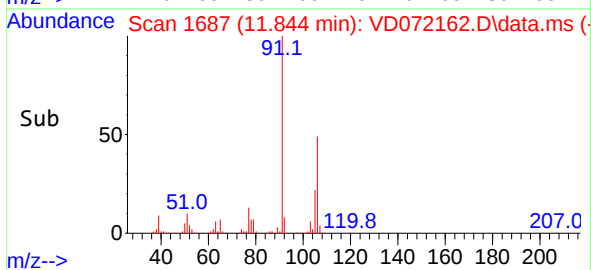
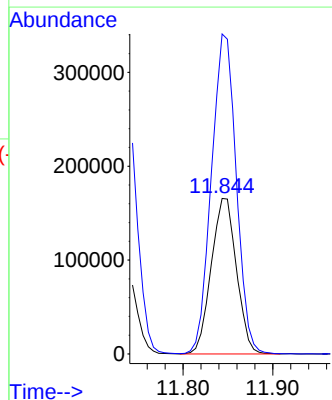
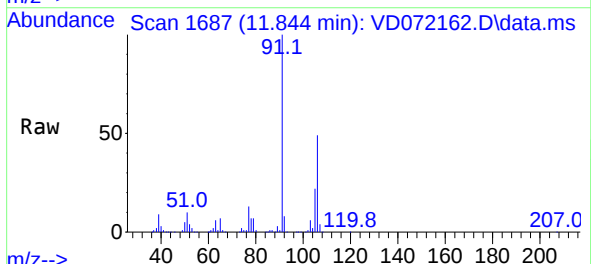
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

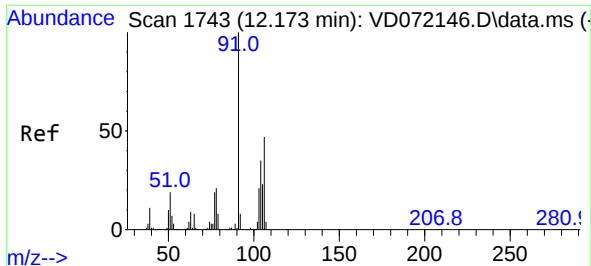
Tgt Ion: 91 Resp: 420870
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4



#68
m/p-Xylenes
Concen: 39.546 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 106 Resp: 323528
Ion Ratio Lower Upper
106 100
91 202.6 163.7 245.5

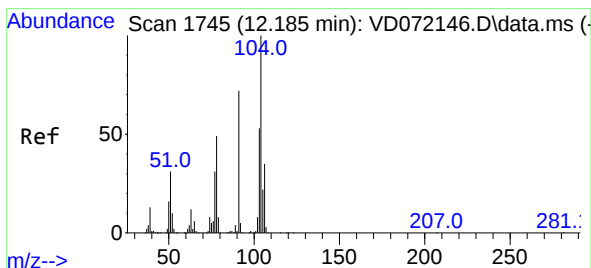
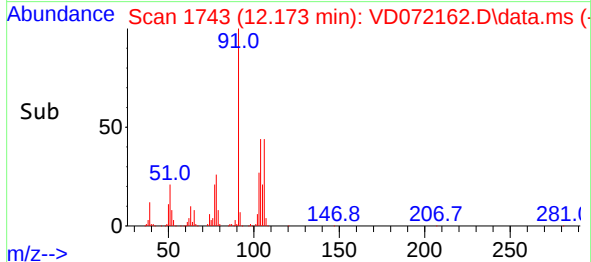
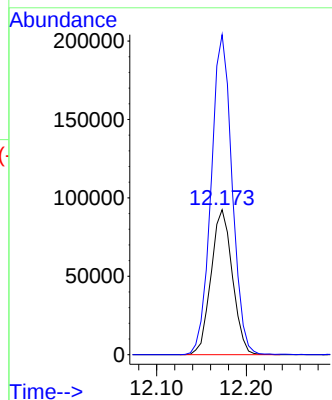
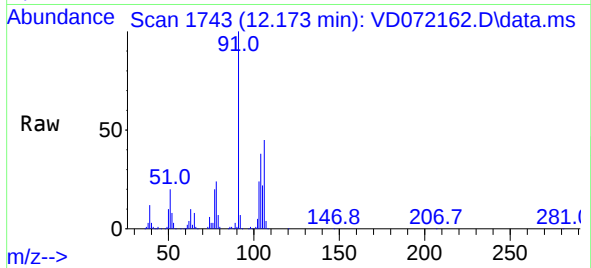




#69
o-Xylene
Concen: 19.501 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

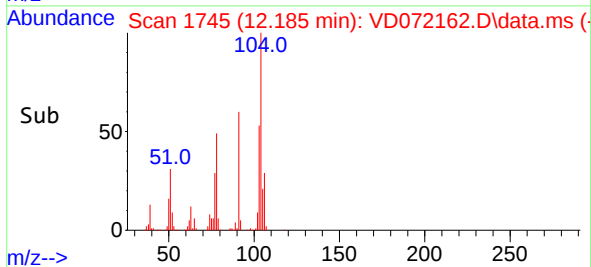
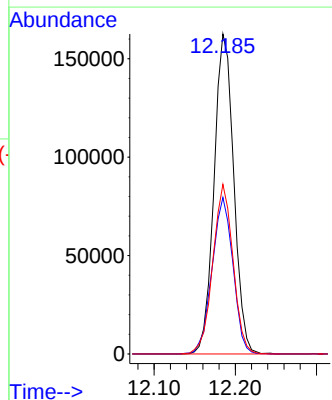
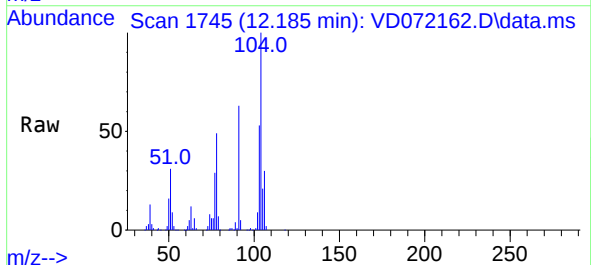
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

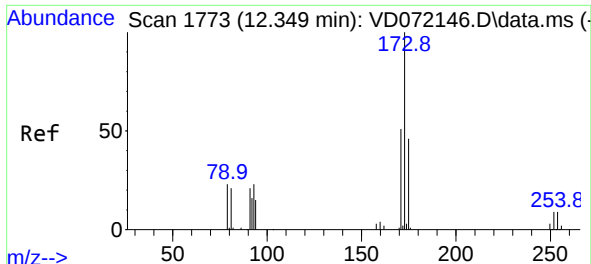
Tgt Ion:106 Resp: 152603
Ion Ratio Lower Upper
106 100
91 217.1 110.4 331.2



#70
Styrene
Concen: 20.078 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:104 Resp: 274365
Ion Ratio Lower Upper
104 100
78 51.6 41.8 62.8
103 54.4 44.2 66.4

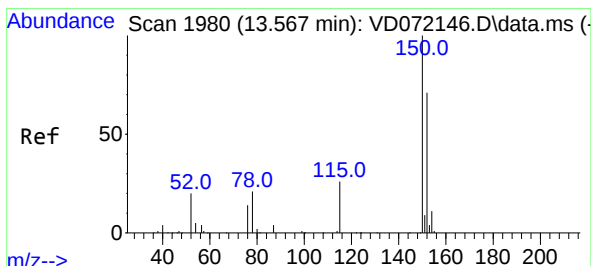
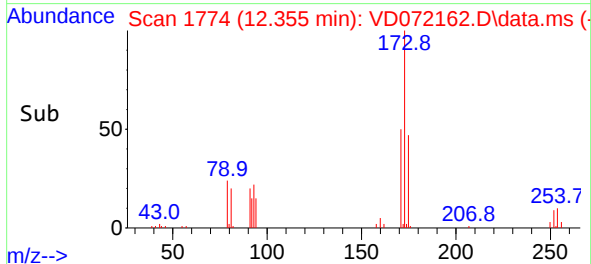
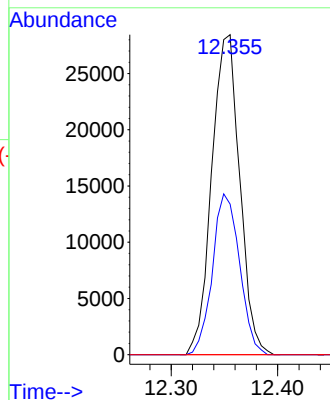
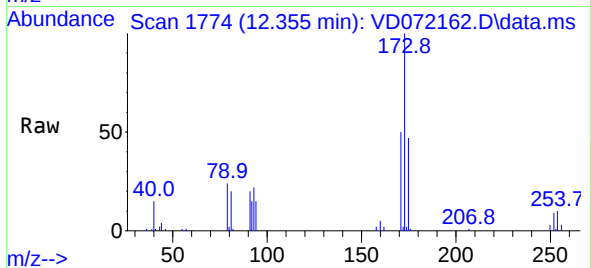




#71
Bromoform
Concen: 20.338 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

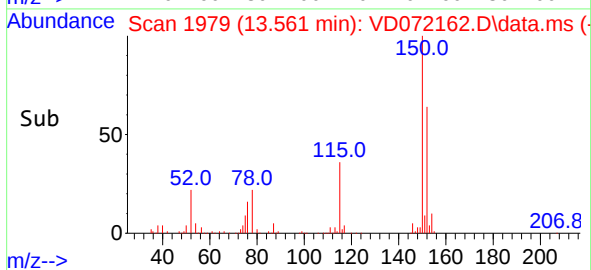
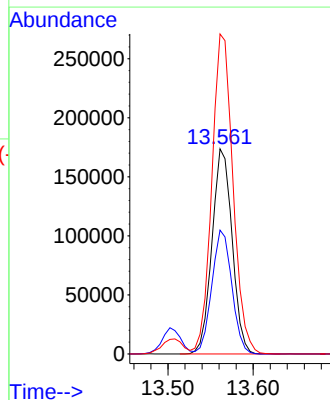
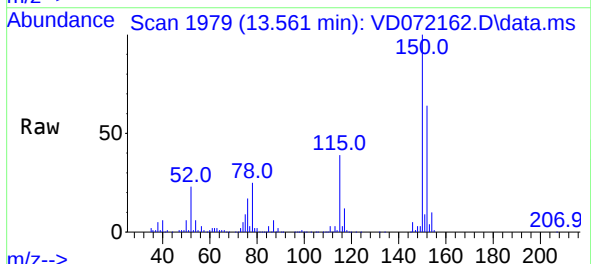
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

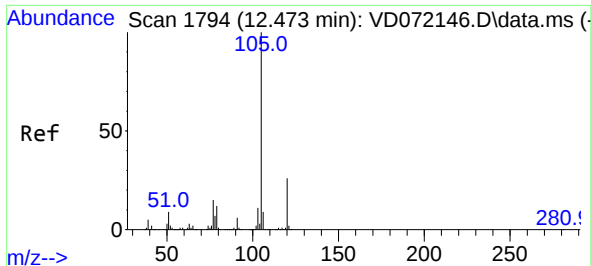
Tgt Ion:173 Resp: 51823
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:152 Resp: 284997
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 164.0 0.0 348.6

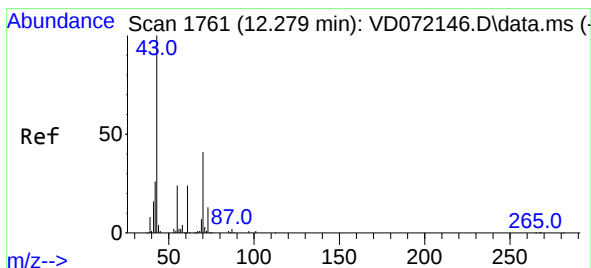
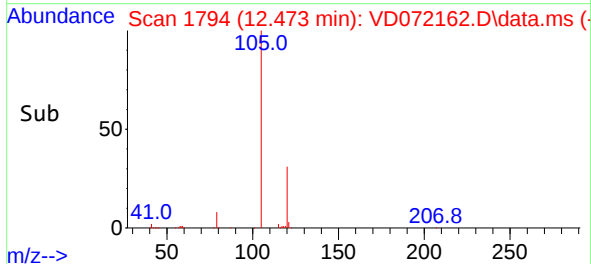
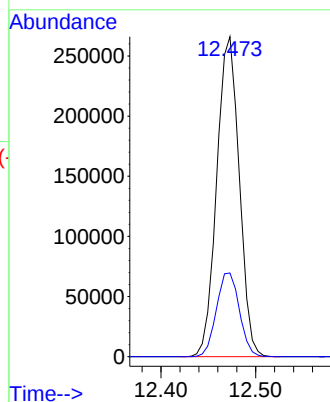
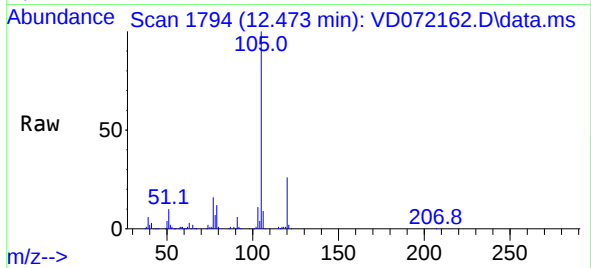




#73
Isopropylbenzene
Concen: 19.463 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

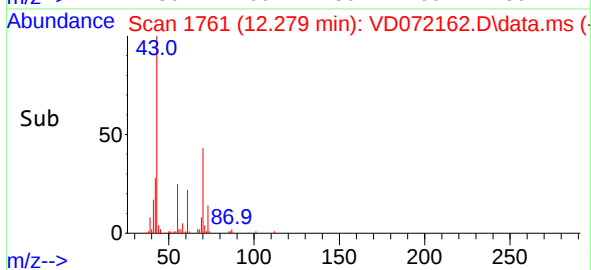
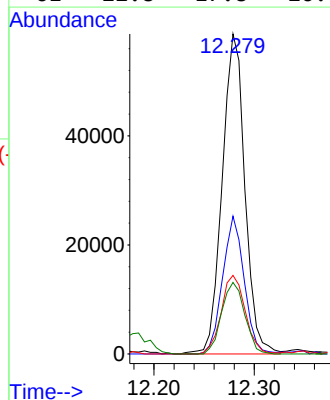
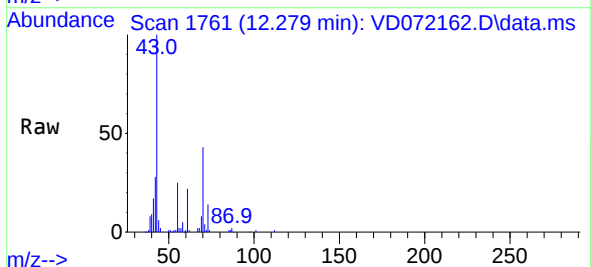
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

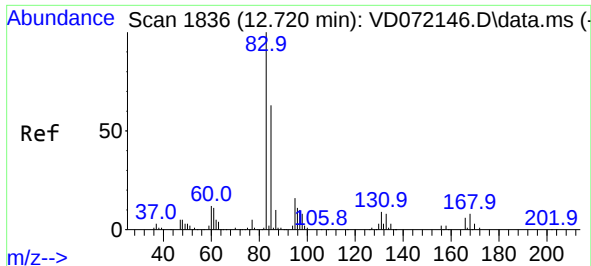
Tgt Ion:105 Resp: 439569
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 18.966 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 43 Resp: 92052
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 26.0 20.0 30.0
61 22.8 17.8 26.8

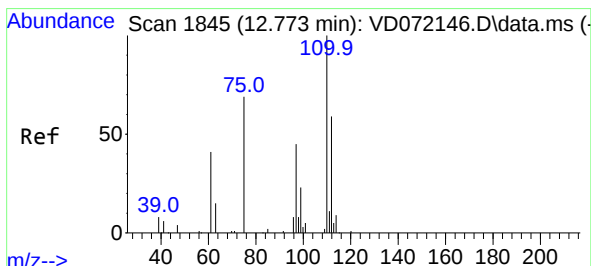
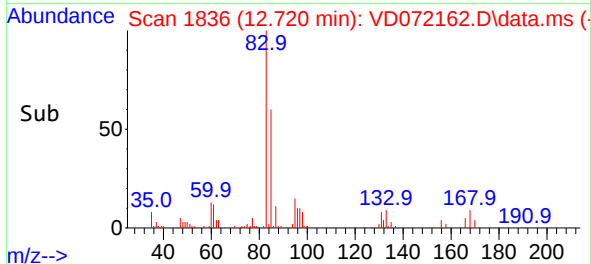
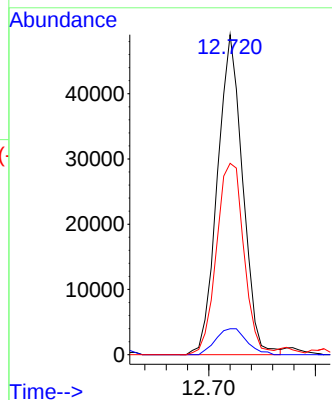
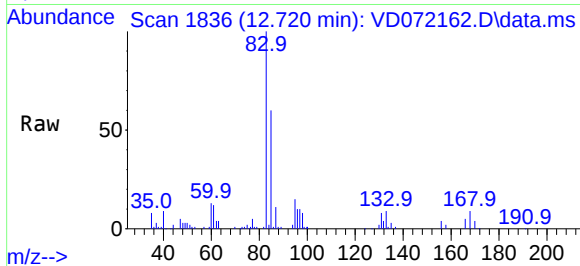




#75
1,1,2-Tetrachloroethane
Concen: 19.976 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

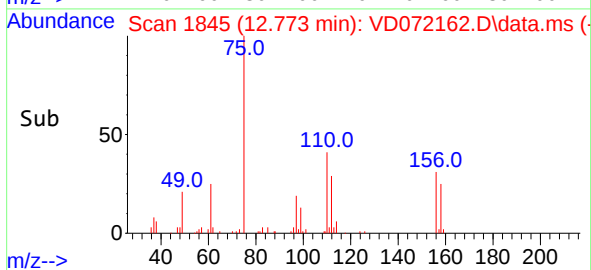
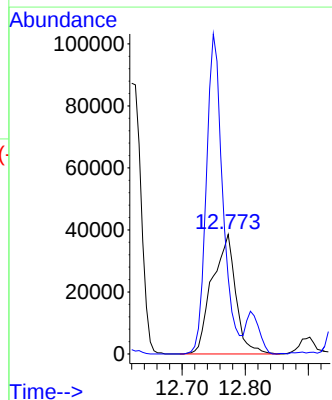
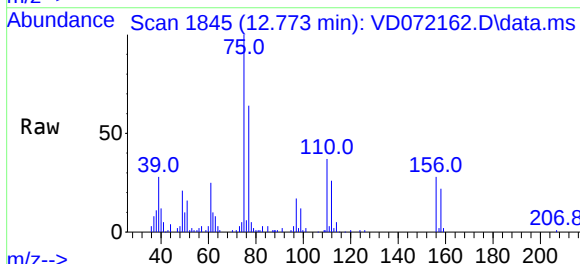
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

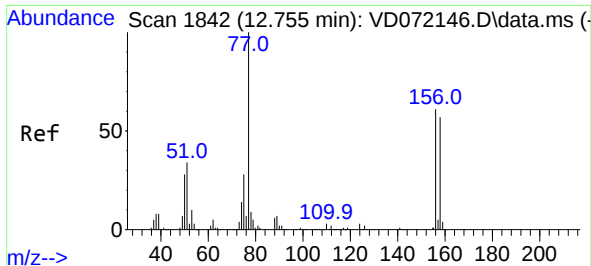
Tgt Ion: 83 Resp: 80688
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 31.817 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 75 Resp: 100026
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

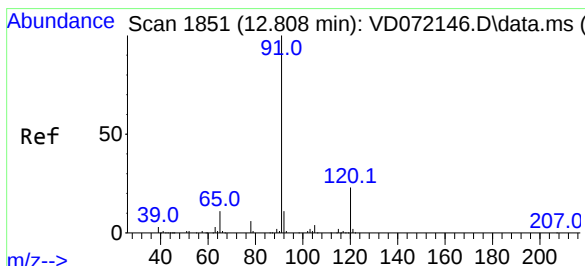
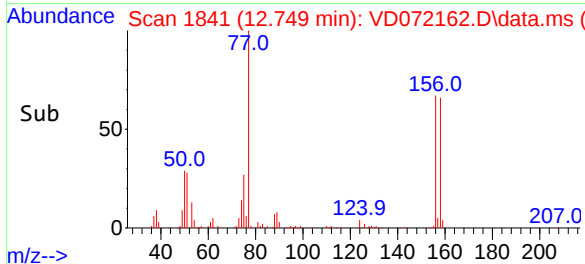
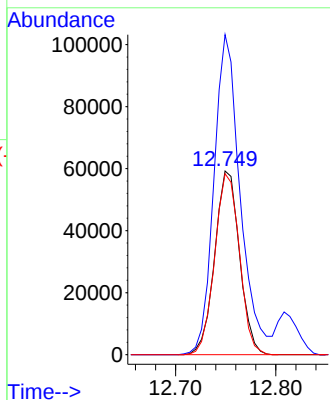
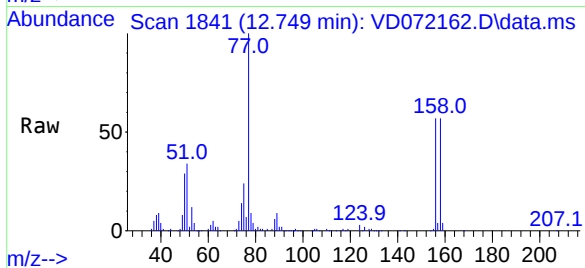




#77
Bromobenzene
Concen: 20.080 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

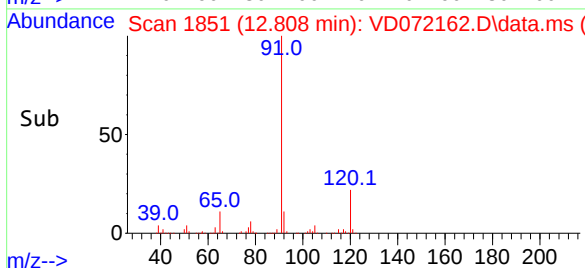
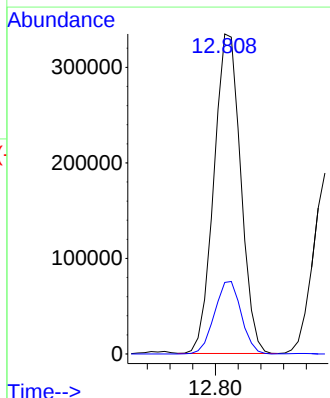
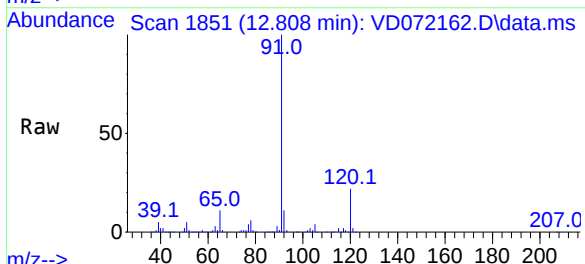
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

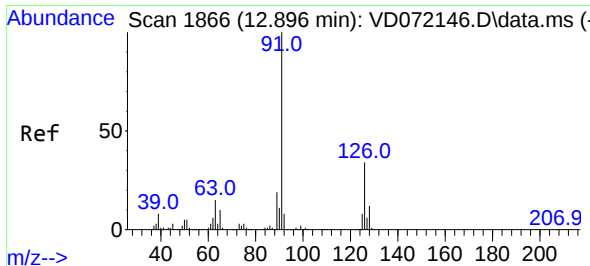
Tgt Ion:156 Resp: 102072
Ion Ratio Lower Upper
156 100
77 184.7 102.8 308.3
158 97.8 48.7 146.1



#78
n-propylbenzene
Concen: 19.981 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 91 Resp: 548135
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

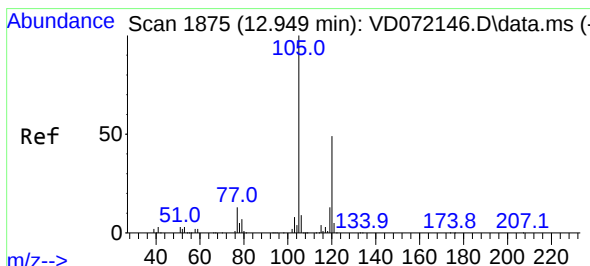
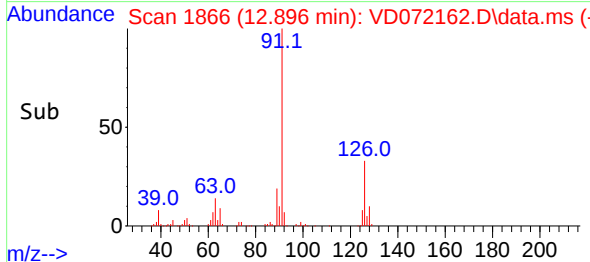
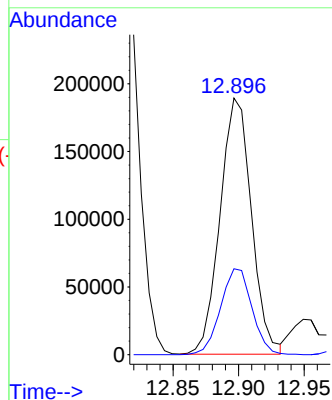
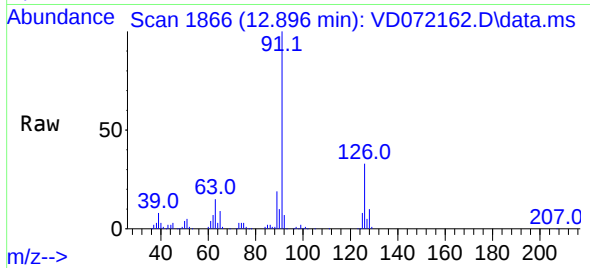




#79
2-Chlorotoluene
Concen: 19.884 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

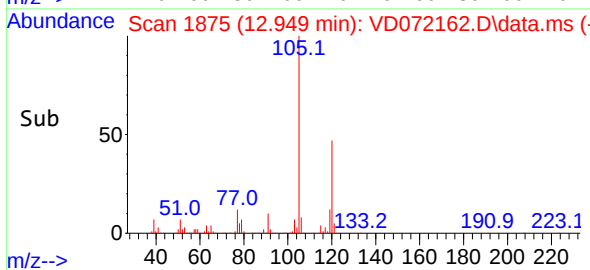
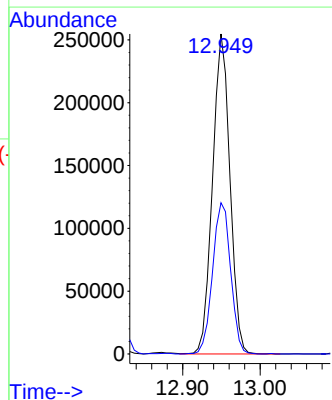
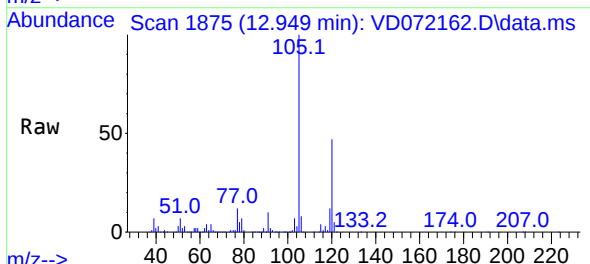
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

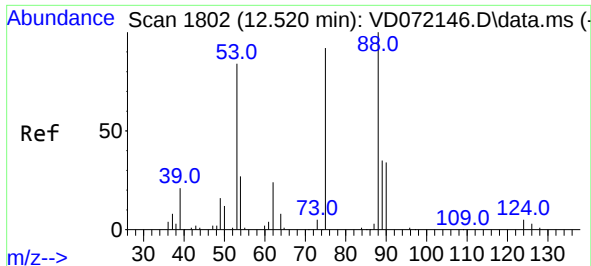
Tgt Ion: 91 Resp: 315414
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.454 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 105 Resp: 396852
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

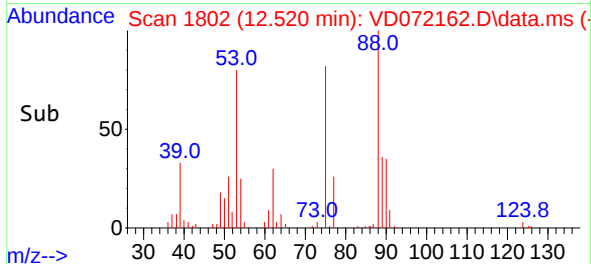
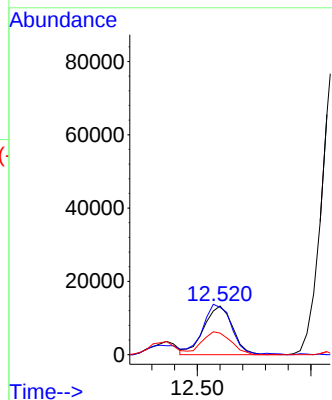
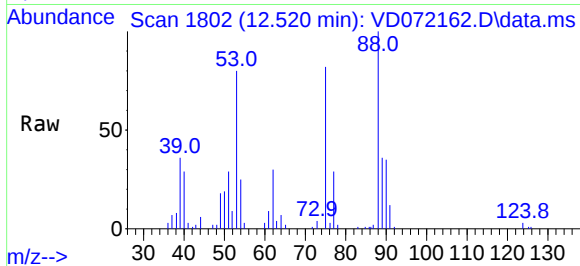




#81
trans-1,4-Dichloro-2-butene
Concen: 18.447 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

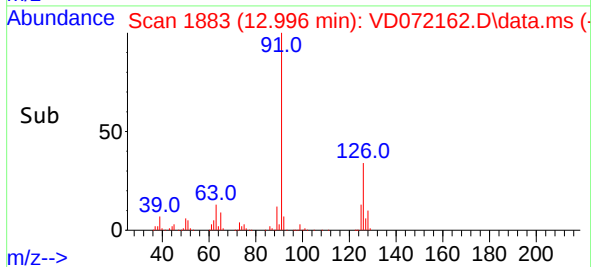
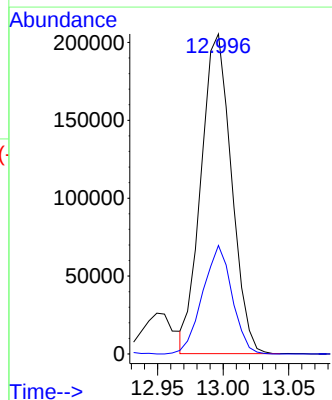
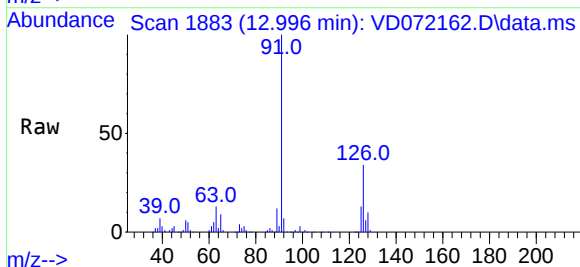
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

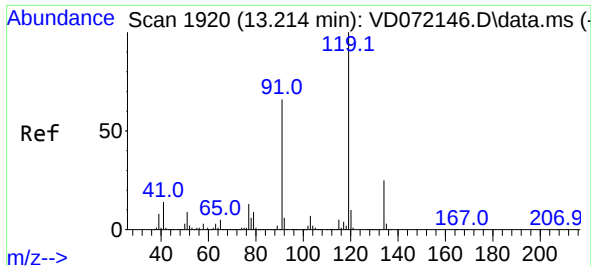
Tgt Ion: 75 Resp: 23374
Ion Ratio Lower Upper
75 100
53 104.1 86.5 129.7
89 46.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.193 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 91 Resp: 331656
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5

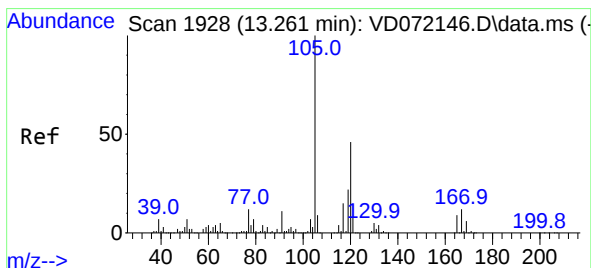
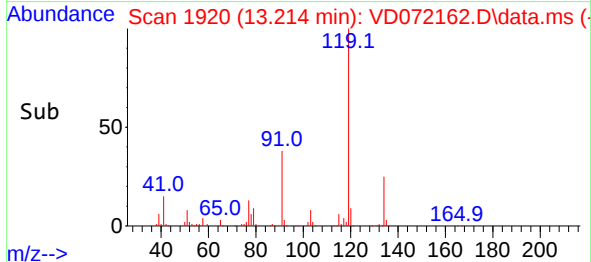
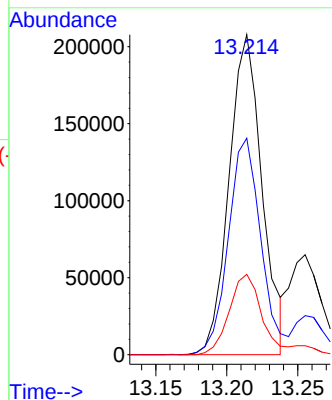
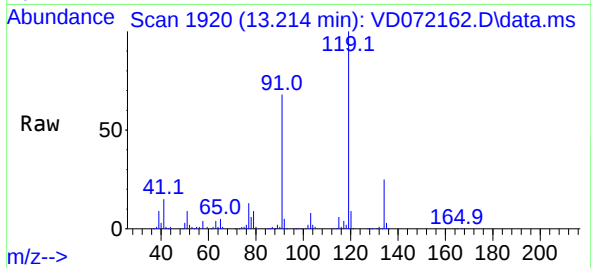




#83
tert-Butylbenzene
Concen: 19.763 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

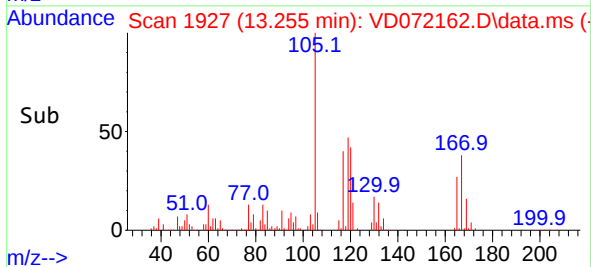
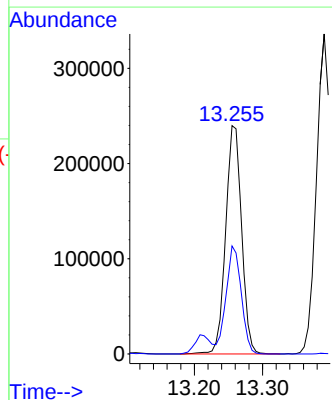
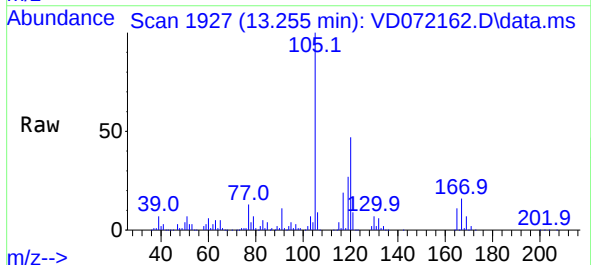
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

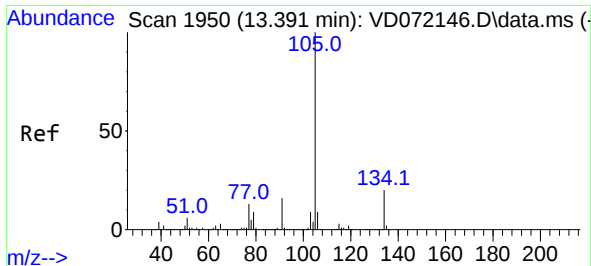
Tgt Ion:119 Resp: 336182
Ion Ratio Lower Upper
119 100
91 67.3 34.8 104.5
134 24.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.415 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:105 Resp: 390289
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8

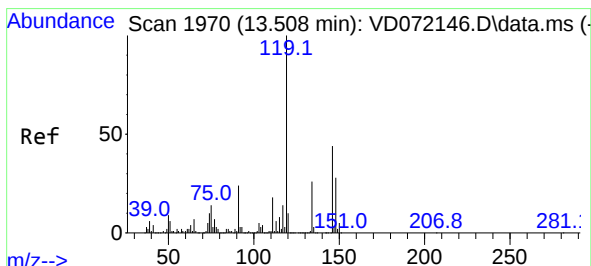
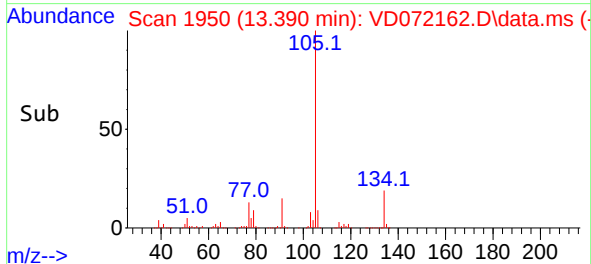
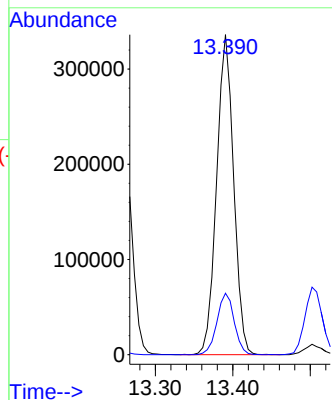
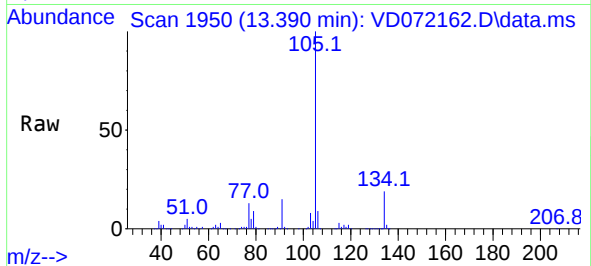




#85
 sec-Butylbenzene
 Concen: 20.082 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072162.D
 Acq: 14 Mar 2022 12:16

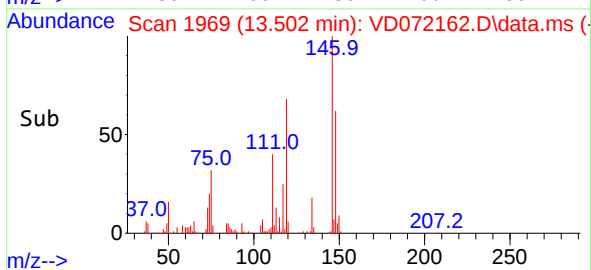
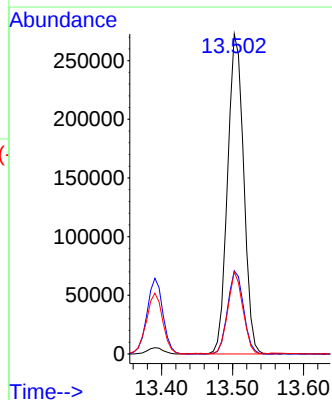
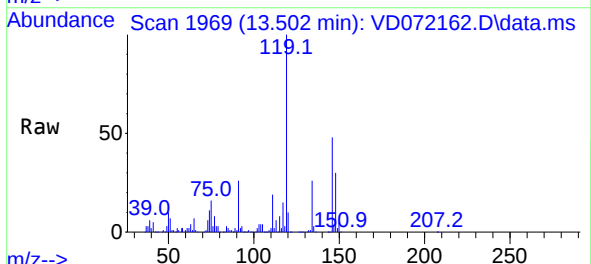
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

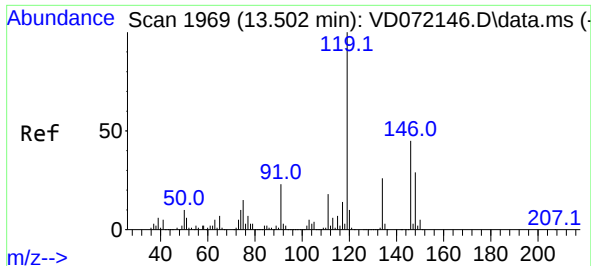
Tgt Ion:105 Resp: 513006
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.378 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072162.D
 Acq: 14 Mar 2022 12:16

Tgt Ion:119 Resp: 428349
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.8 12.1 36.3

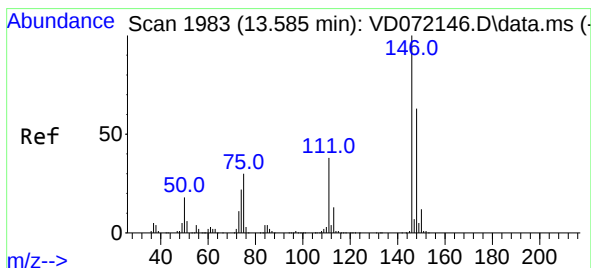
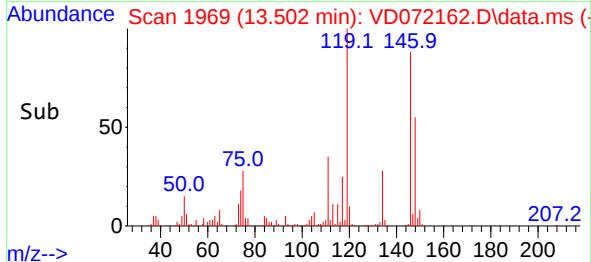
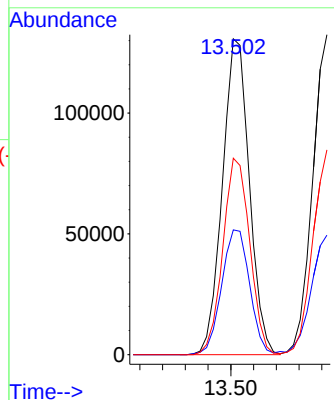
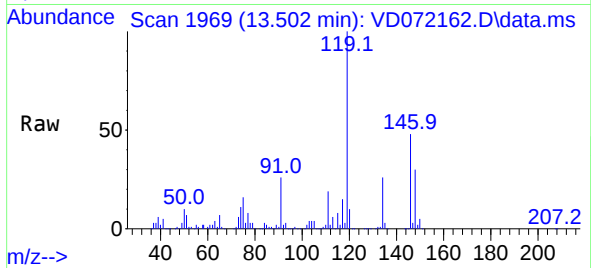




#87
1,3-Dichlorobenzene
Concen: 20.195 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

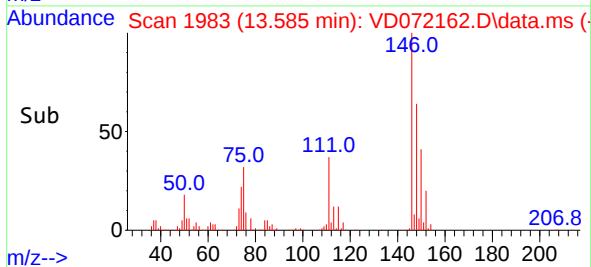
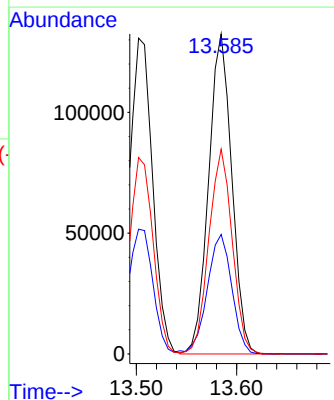
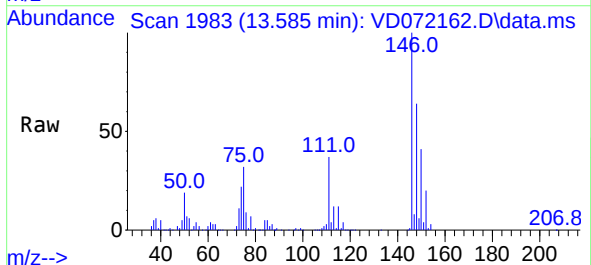
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

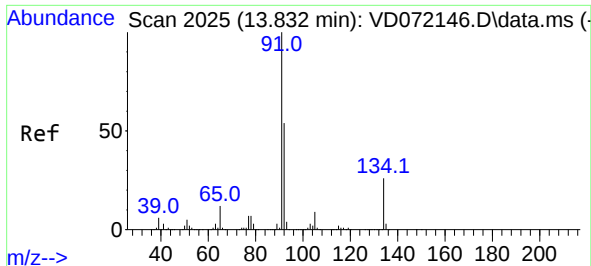
Tgt Ion:146 Resp: 215147
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 62.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.158 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:146 Resp: 212951
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 64.5 31.7 95.1

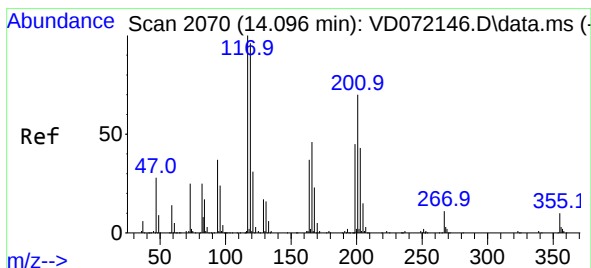
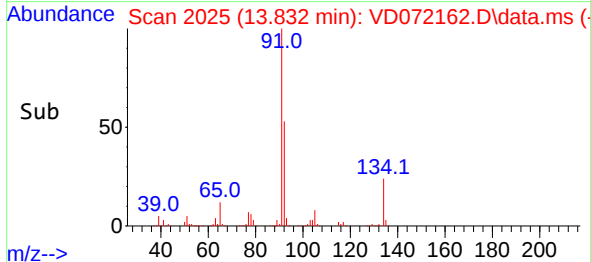
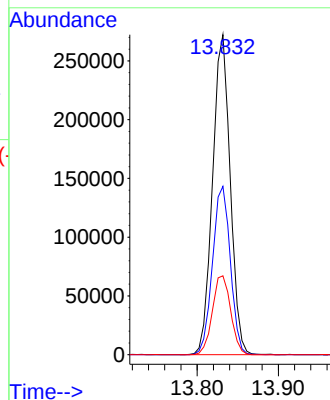
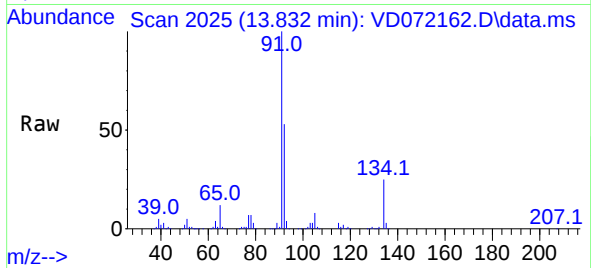




#89
n-Butylbenzene
Concen: 20.514 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

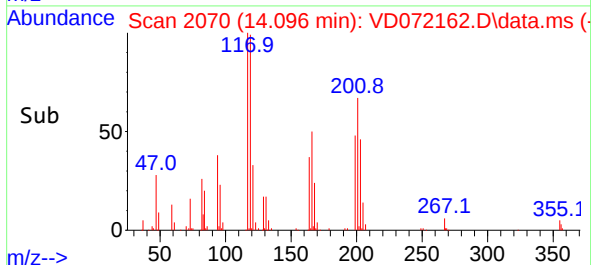
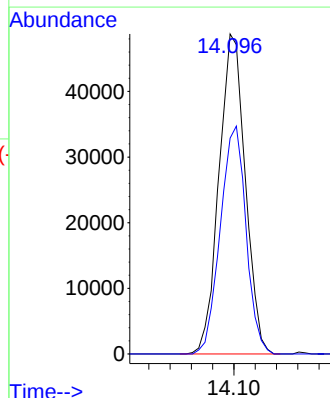
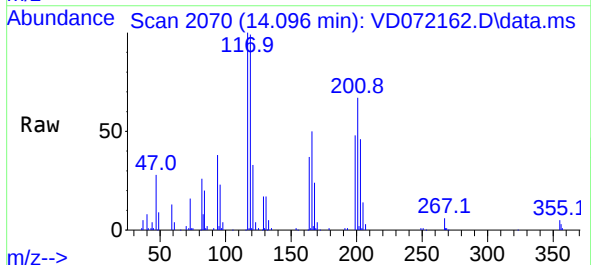
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

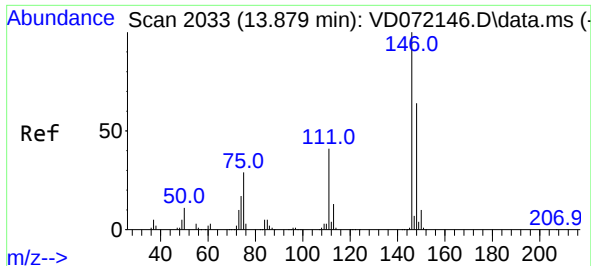
Tgt Ion: 91 Resp: 411019
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 25.6 12.3 36.9



#90
Hexachloroethane
Concen: 20.251 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion: 117 Resp: 83431
Ion Ratio Lower Upper
117 100
201 69.8 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 20.560 ug/l

RT: 13.873 min Scan# 2033

Delta R.T. -0.006 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBS01

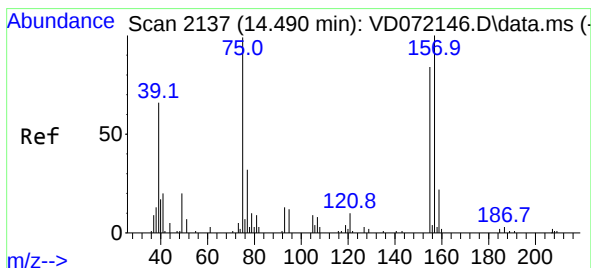
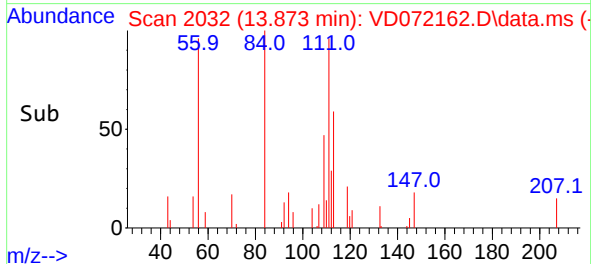
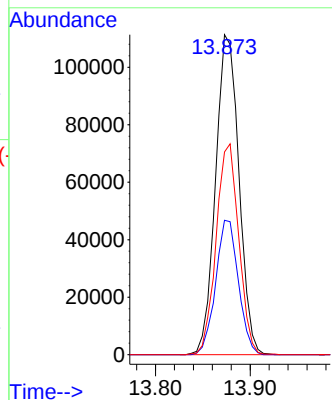
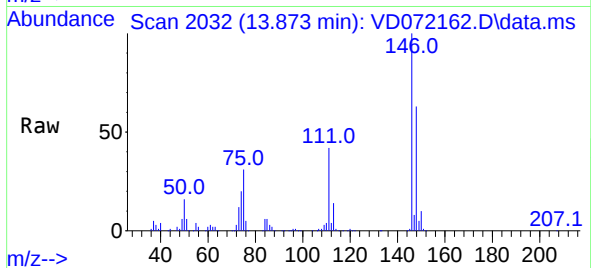
Tgt Ion:146 Resp: 190968

Ion Ratio Lower Upper

146 100

111 40.9 21.1 63.3

148 63.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.655 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD072162.D

Acq: 14 Mar 2022 12:16

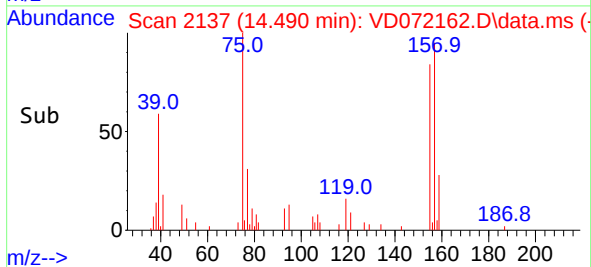
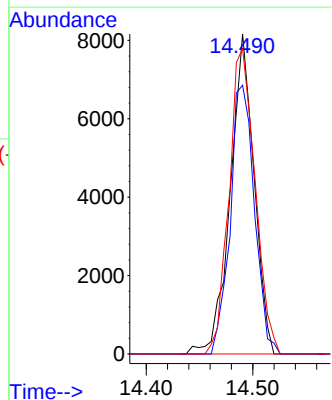
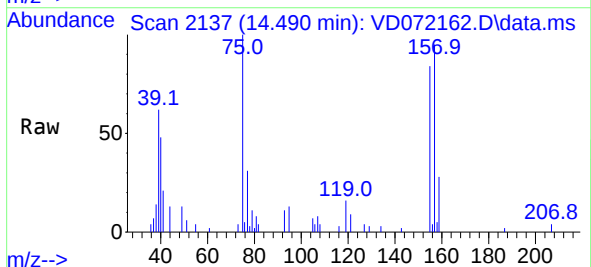
Tgt Ion: 75 Resp: 12670

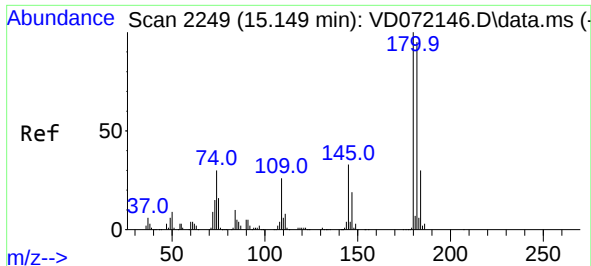
Ion Ratio Lower Upper

75 100

155 86.0 36.8 110.3

157 104.5 48.4 145.0

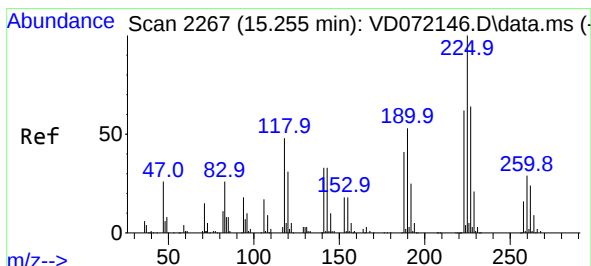
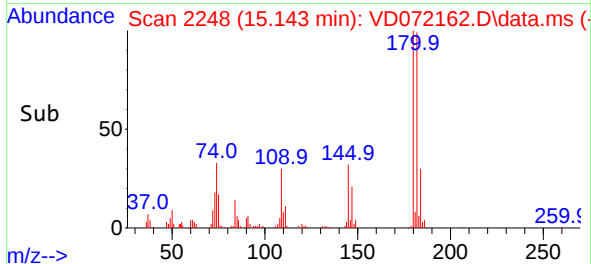
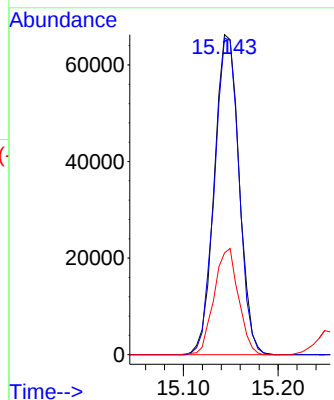
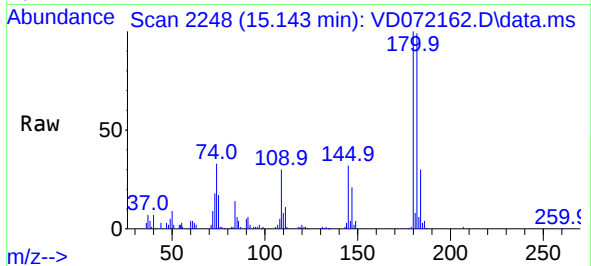




#93
1,2,4-Trichlorobenzene
Concen: 19.548 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

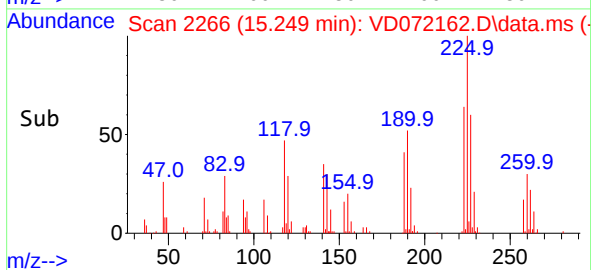
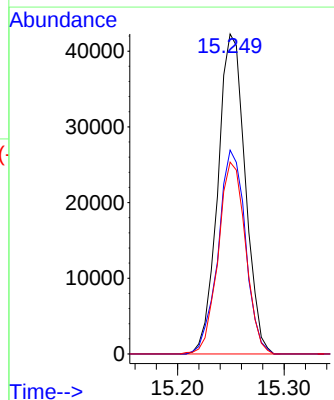
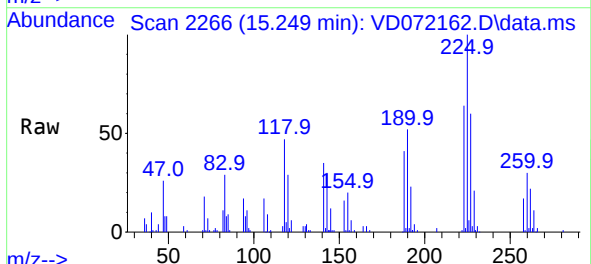
Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Tgt Ion:180 Resp: 120207
Ion Ratio Lower Upper
180 100
182 98.1 47.3 142.0
145 32.7 16.2 48.5



#94
Hexachlorobutadiene
Concen: 21.039 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:225 Resp: 75259
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 60.0 32.4 97.0

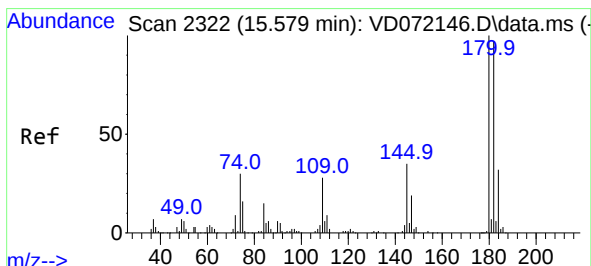
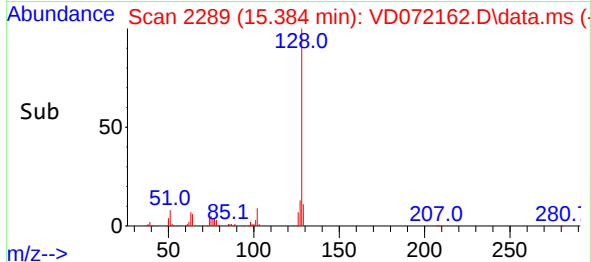
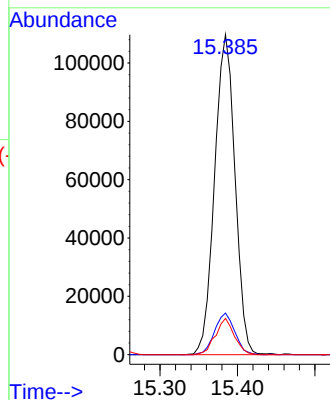
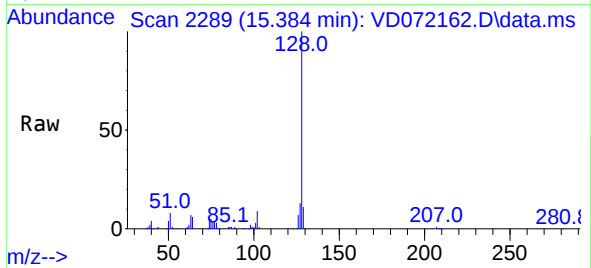




#95
Naphthalene
Concen: 18.937 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Tgt Ion:128 Resp: 200736
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.150 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072162.D
Acq: 14 Mar 2022 12:16

Tgt Ion:180 Resp: 107258
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 35.0 17.1 51.3

